

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071661.D
 Acq On : 30 Mar 2022 16:08
 Operator : JC\MD
 Sample : N2075-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-02-20220322

Quant Time: Mar 31 01:34:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	631139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1055005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1060213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	376031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	362063	50.250	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.500%	
35) Dibromofluoromethane	8.022	113	303330	48.860	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.720%	
50) Toluene-d8	10.439	98	1298260	51.121	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	12.727	95	434447	52.895	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.780%	

Target Compounds				Qvalue		
3) Chloromethane	2.299	50	2063	0.324	ug/l	90
5) Bromomethane	2.875	94	1139	0.251	ug/l #	73
6) Chloroethane	3.010	64	368	0.073	ug/l #	42
10) Methyl Iodide	4.434	142	562	0.073	ug/l #	70
11) Tert butyl alcohol	5.369	59	253	0.216	ug/l #	72
13) Acrolein	4.045	56	134	0.094	ug/l #	49
14) Allyl chloride	4.793	41	53	0.006	ug/l #	24
16) Acetone	4.298	43	9505	3.087	ug/l	98
17) Carbon Disulfide	4.528	76	351	0.029	ug/l #	75
18) Methyl Acetate	4.863	43	3728	Below Cal	#	84
20) Methylene Chloride	5.081	84	342	0.053	ug/l #	18
23) Vinyl Acetate	6.422	43	141	0.010	ug/l #	68
25) 2-Butanone	7.339	43	908	0.205	ug/l #	57
31) Cyclohexane	8.075	56	11160	1.139	ug/l #	9
36) 1,1-Dichloropropene	8.086	75	43200	4.983	ug/l #	48
37) Ethyl Acetate	7.404	43	137	0.014	ug/l #	67
38) Carbon Tetrachloride	8.081	117	57721	6.794	ug/l #	16
40) Benzene	8.457	78	937	0.034	ug/l #	51
42) 1,2-Dichloroethane	8.528	62	782	0.083	ug/l #	74
43) Isopropyl Acetate	8.622	43	8004	0.507	ug/l #	53
48) Methyl methacrylate	9.516	41	325	0.050	ug/l #	25
51) 4-Methyl-2-Pentanone	10.351	43	770	0.085	ug/l #	33
52) Toluene	10.504	92	1665	0.096	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	59	0.006	ug/l #	43
54) cis-1,3-Dichloropropene	10.192	75	84	0.008	ug/l #	36
59) 2-Hexanone	11.086	43	1290	0.202	ug/l	62
65) Chlorobenzene	11.763	112	474	0.022	ug/l #	43
67) Ethyl Benzene	11.845	91	868	0.024	ug/l #	44
68) m/p-Xylenes	11.945	106	788	0.057	ug/l #	68
69) o-Xylene	12.274	106	199	0.015	ug/l #	1
70) Styrene	12.286	104	193	0.009	ug/l #	26
71) Bromoform	12.721	173	1691	0.290	ug/l #	28
73) Isopropylbenzene	12.586	105	301	0.009	ug/l #	48
74) N-amyl acetate	12.386	43	661	0.073	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.721	83	163	0.015	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	212437	24.387	ug/l #	1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

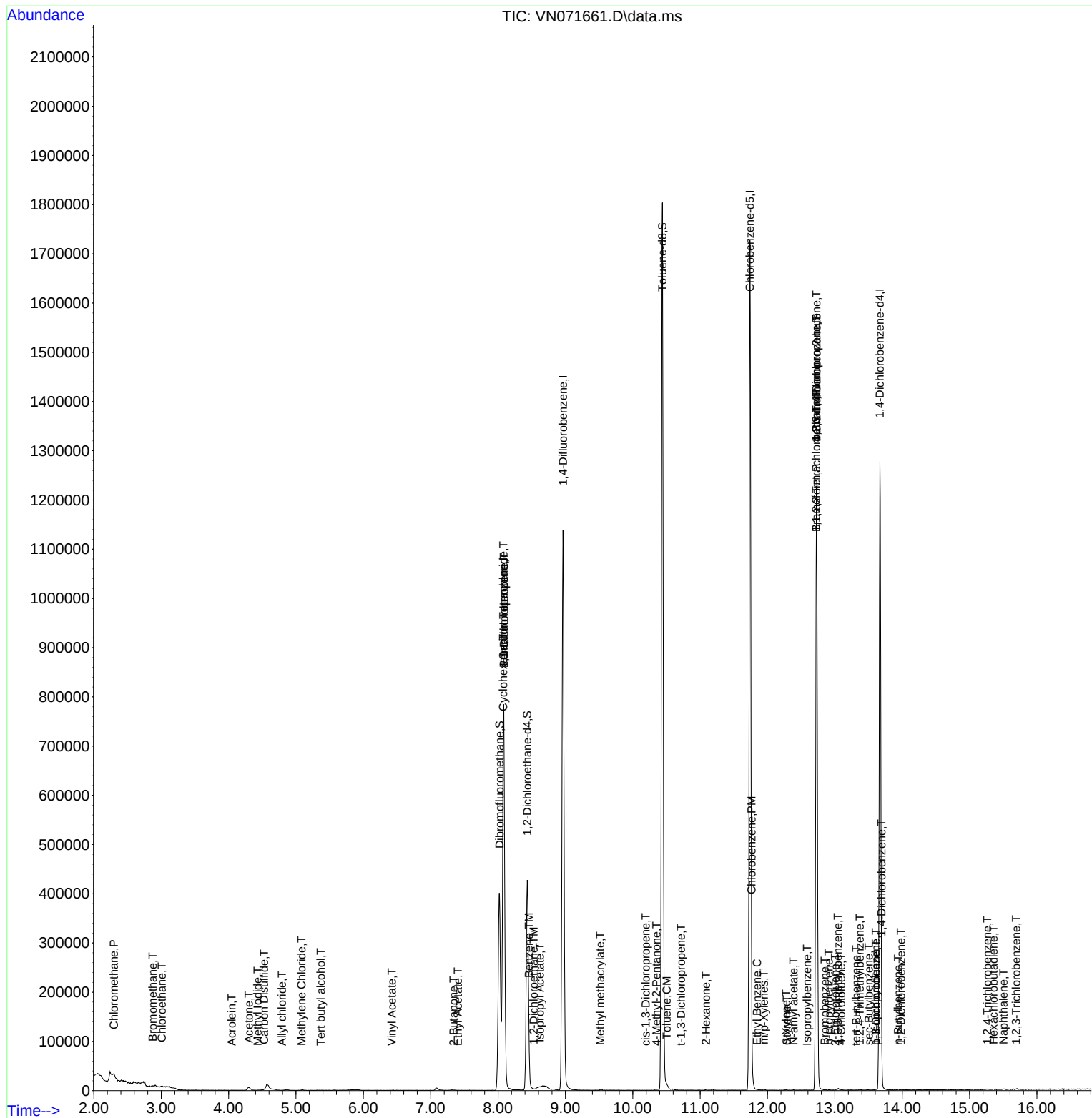
77) Bromobenzene	12.851	156	70	0.009	ug/l #	1
78) n-propylbenzene	12.910	91	999	0.030	ug/l	93
79) 2-Chlorotoluene	13.004	91	494	0.023	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.045	105	268	0.011	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.727	75	212437	75.575	ug/l #	10
82) 4-Chlorotoluene	13.092	91	835	0.042	ug/l #	40
83) tert-Butylbenzene	13.315	119	267	0.012	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.368	105	994	0.041	ug/l #	48
85) sec-Butylbenzene	13.504	105	515	0.017	ug/l #	56
86) p-Isopropyltoluene	13.610	119	670	0.028	ug/l #	61
87) 1,3-Dichlorobenzene	13.610	146	612	0.048	ug/l #	42
88) 1,4-Dichlorobenzene	13.692	146	1143	0.093	ug/l #	26
89) n-Butylbenzene	13.939	91	1136	0.065	ug/l	89
91) 1,2-Dichlorobenzene	13.980	146	618	0.050	ug/l #	71
93) 1,2,4-Trichlorobenzene	15.262	180	565	2.176	ug/l #	89
94) Hexachlorobutadiene	15.357	225	57	0.016	ug/l #	18
95) Naphthalene	15.504	128	2075	3.915	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.692	180	844	2.553	ug/l #	55

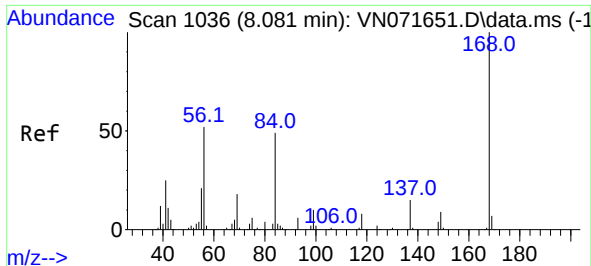
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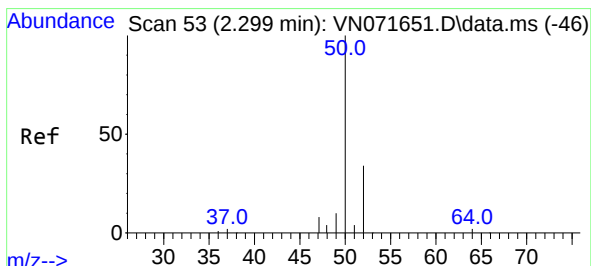
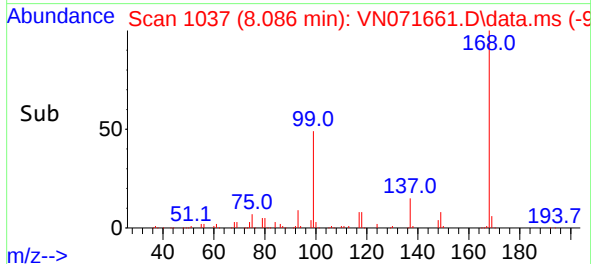
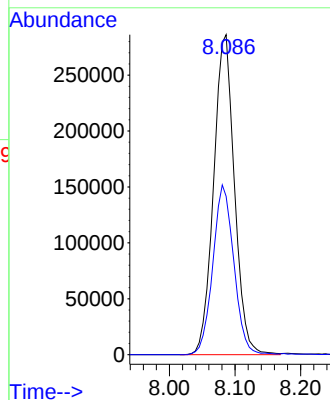
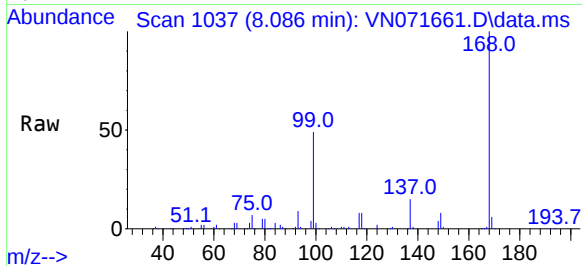




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

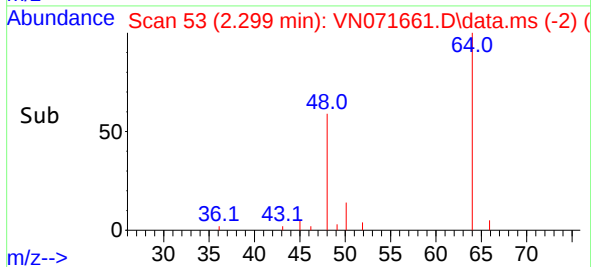
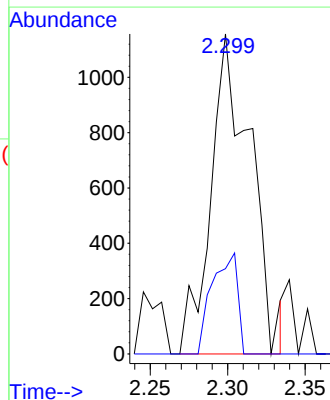
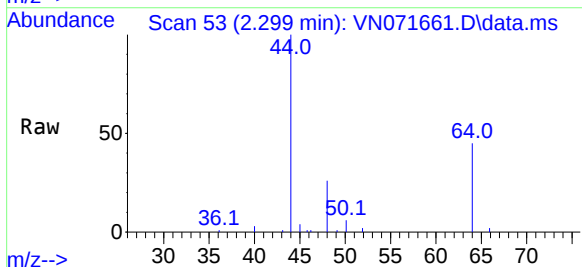
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

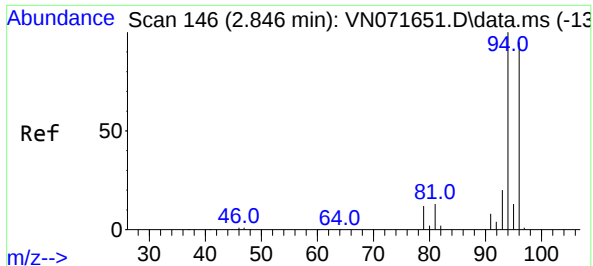
Tgt Ion:168 Resp: 631139
Ion Ratio Lower Upper
168 100
99 49.5 42.3 63.5



#3
Chloromethane
Concen: 0.324 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 50 Resp: 2063
Ion Ratio Lower Upper
50 100
52 26.6 25.7 38.5

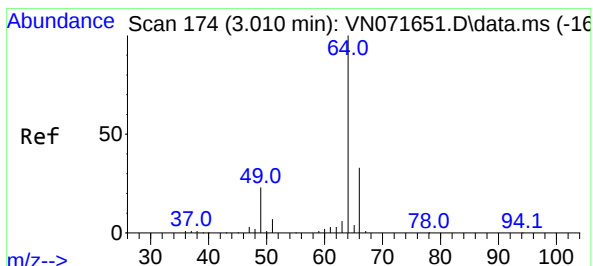
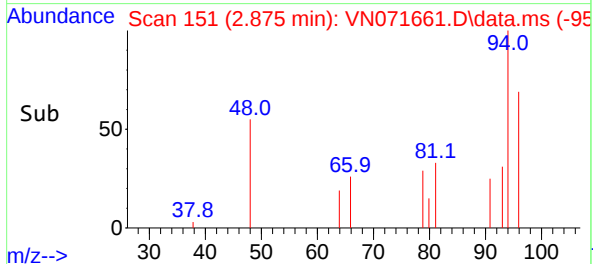
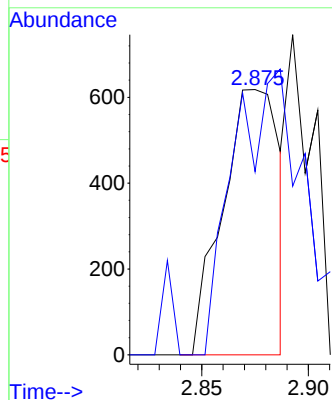
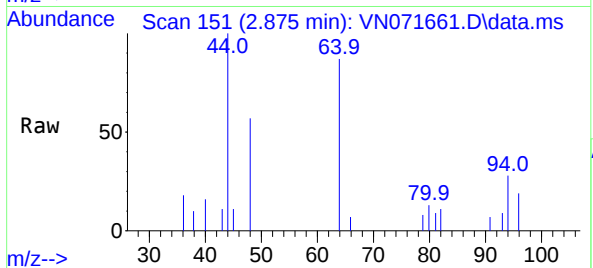




#5
Bromomethane
Concen: 0.251 ug/l
RT: 2.875 min Scan# 1139
Delta R.T. 0.029 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

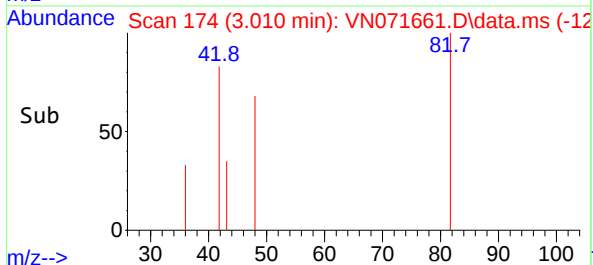
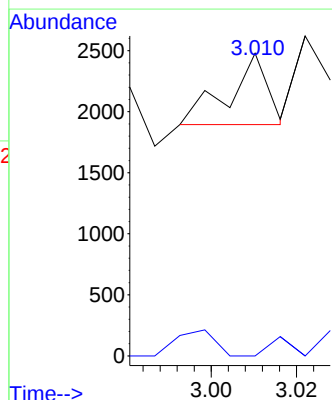
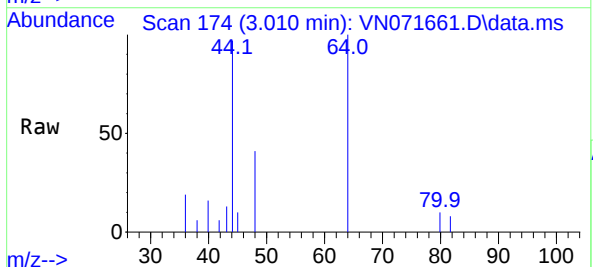
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FB-02-20220322

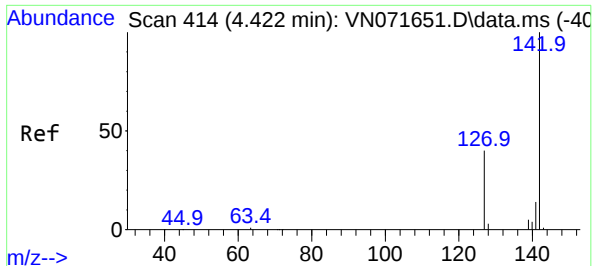
Tgt Ion: 94 Resp: 1139
Ion Ratio Lower Upper
94 100
96 69.1 76.0 114.0#



#6
Chloroethane
Concen: 0.073 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 64 Resp: 368
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

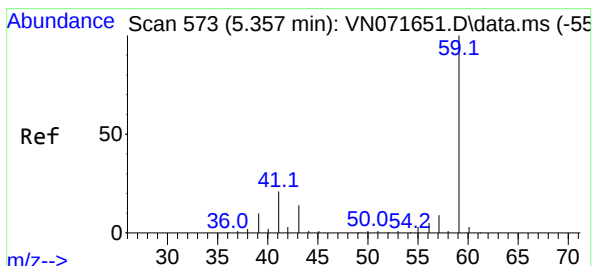
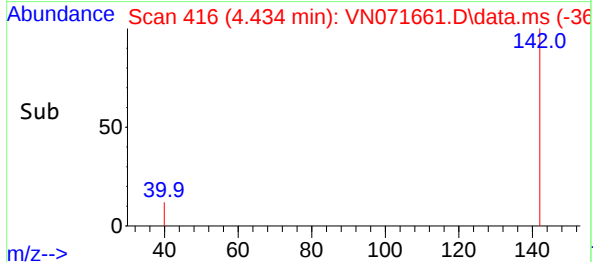
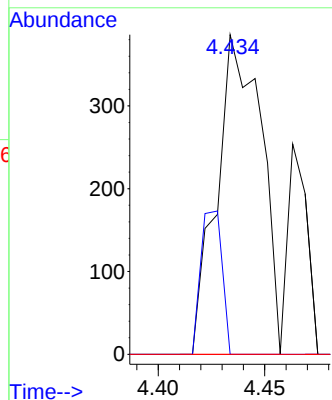
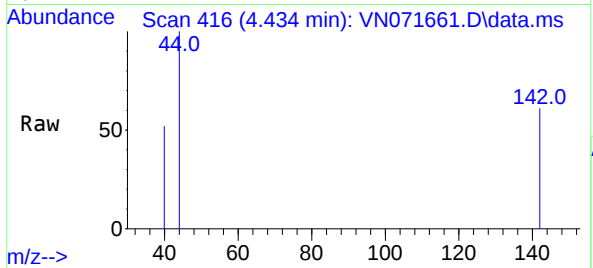




#10
Methyl Iodide
Concen: 0.073 ug/l
RT: 4.434 min Scan# 414
Delta R.T. 0.012 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

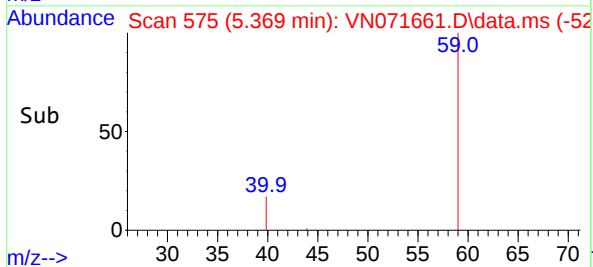
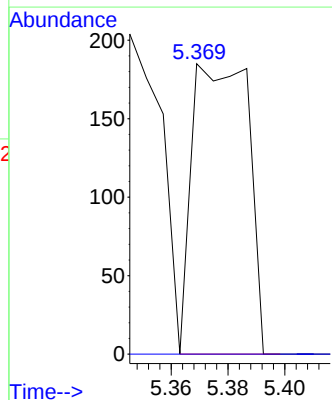
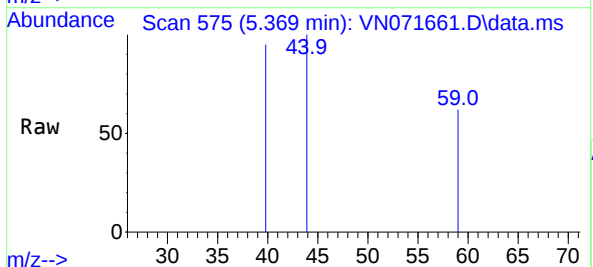
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

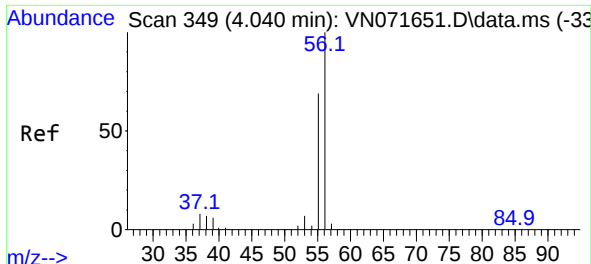
Tgt Ion:142 Resp: 562
Ion Ratio Lower Upper
142 100
127 21.5 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.216 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.012 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 59 Resp: 253
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.094 ug/l

RT: 4.045 min Scan# 31

Delta R.T. 0.005 min

Lab File: VN071661.D

Acq: 30 Mar 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

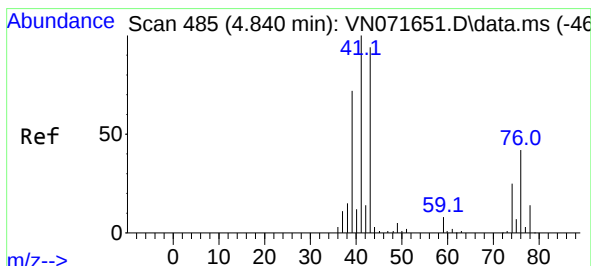
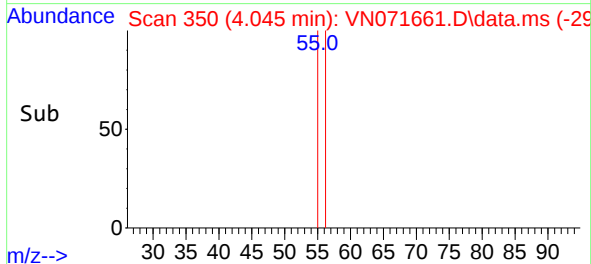
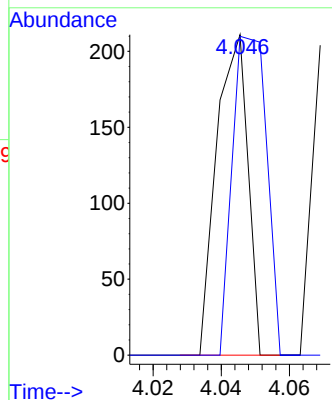
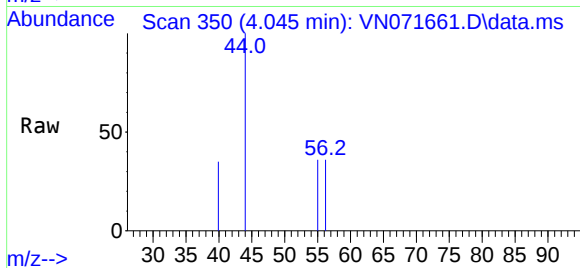
FB-02-20220322

Tgt Ion: 56 Resp: 134

Ion Ratio Lower Upper

56 100

55 109.7 54.8 82.2#



#14

Allyl chloride

Concen: 0.006 ug/l

RT: 4.793 min Scan# 477

Delta R.T. -0.047 min

Lab File: VN071661.D

Acq: 30 Mar 2022 16:08

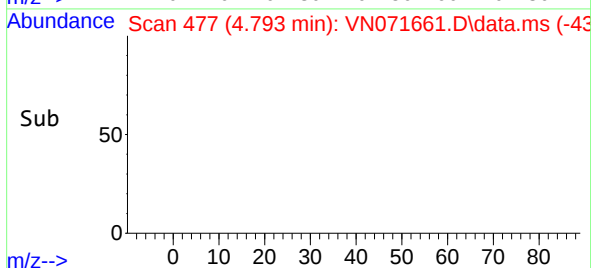
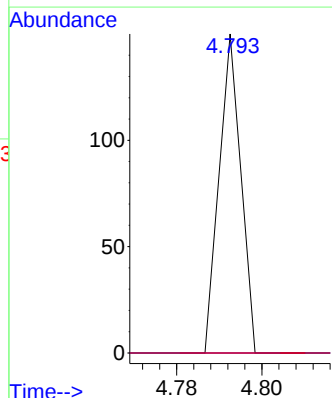
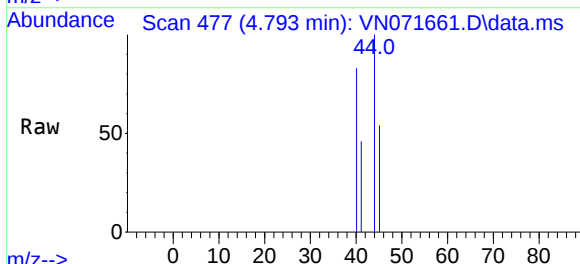
Tgt Ion: 41 Resp: 53

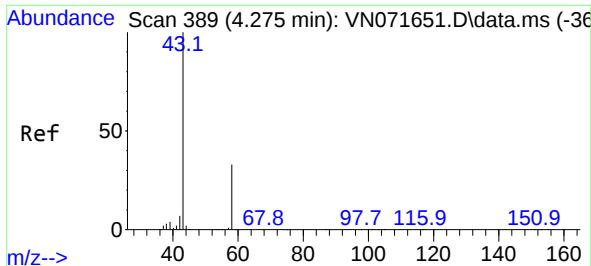
Ion Ratio Lower Upper

41 100

39 0.0 53.2 79.8#

76 0.0 29.9 44.9#

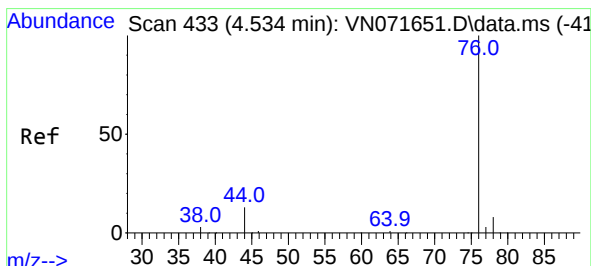
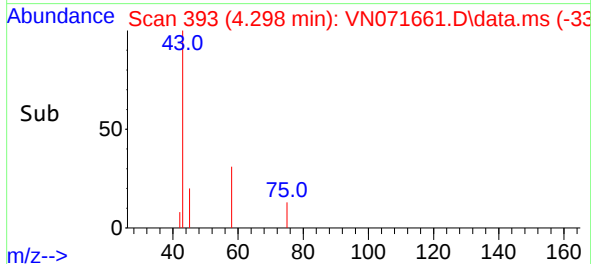
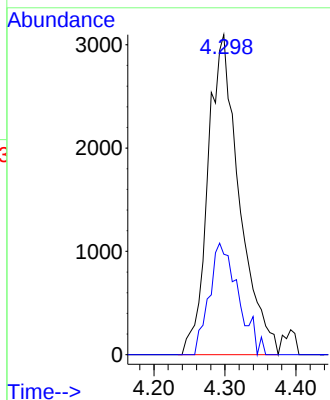
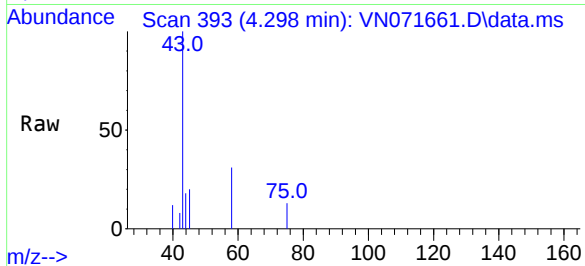




#16
Acetone
Concen: 3.087 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

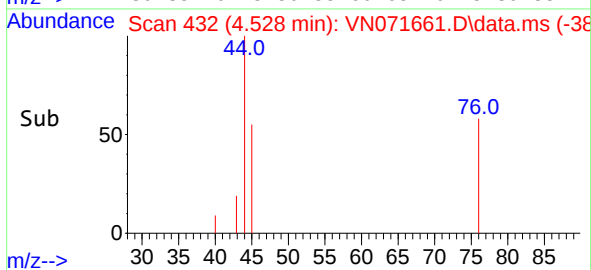
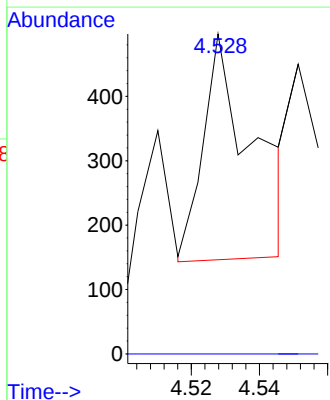
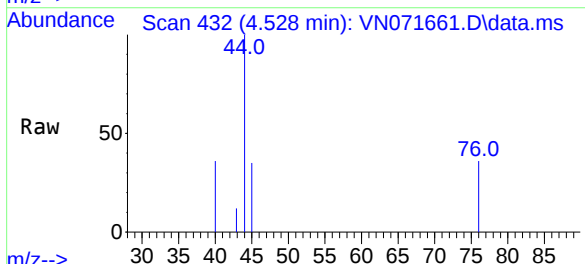
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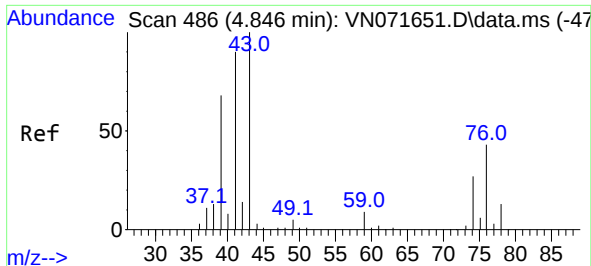
Tgt Ion: 43 Resp: 9505
Ion Ratio Lower Upper
43 100
58 31.4 26.0 39.0



#17
Carbon Disulfide
Concen: 0.029 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 76 Resp: 351
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

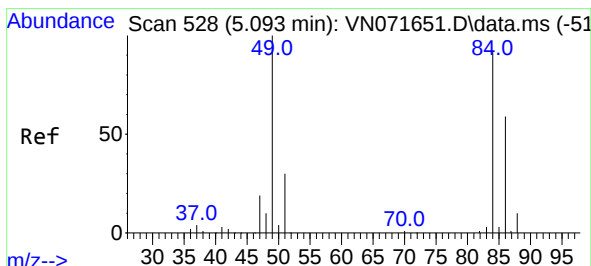
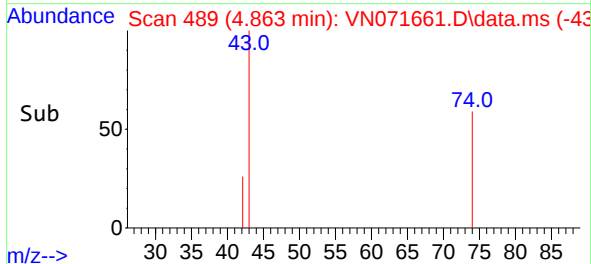
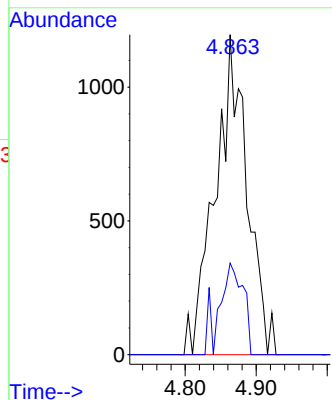
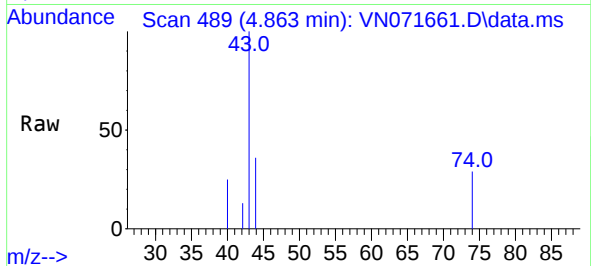




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

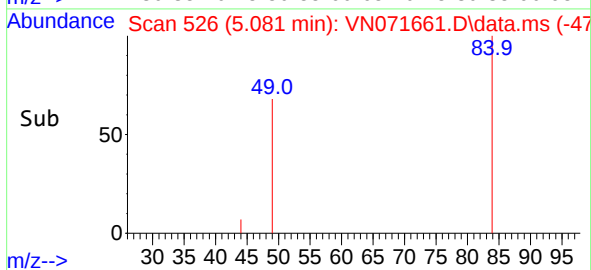
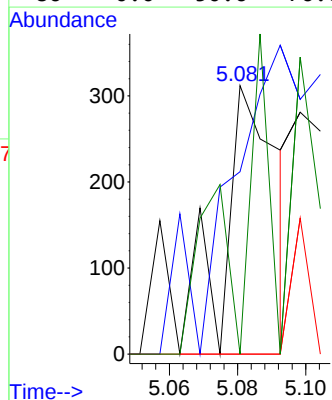
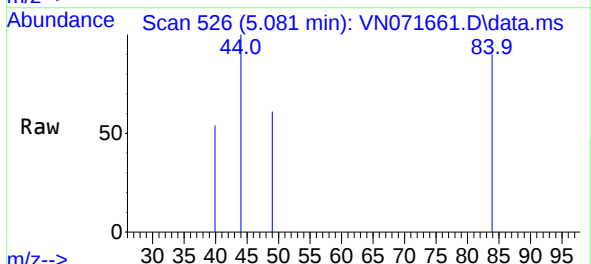
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

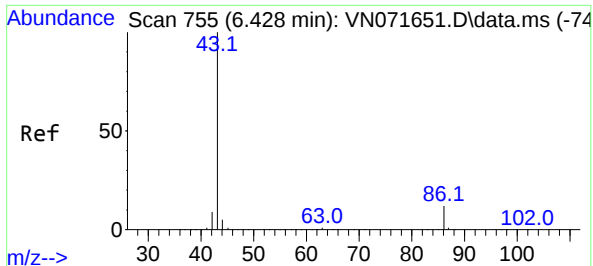
Tgt Ion: 43 Resp: 3728
Ion Ratio Lower Upper
43 100
74 19.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.053 ug/l
RT: 5.081 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 84 Resp: 342
Ion Ratio Lower Upper
84 100
49 15.7 88.3 132.5#
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#

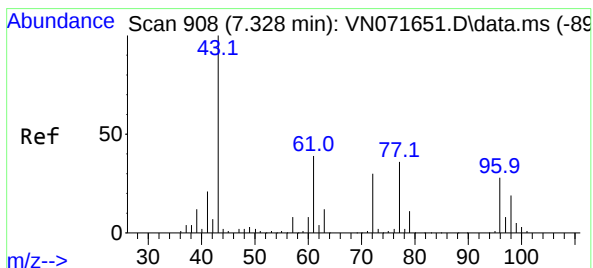
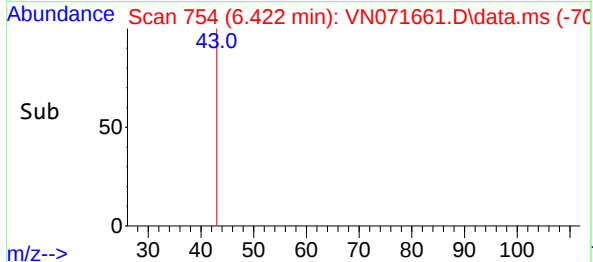
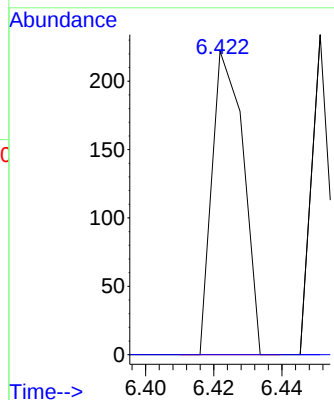
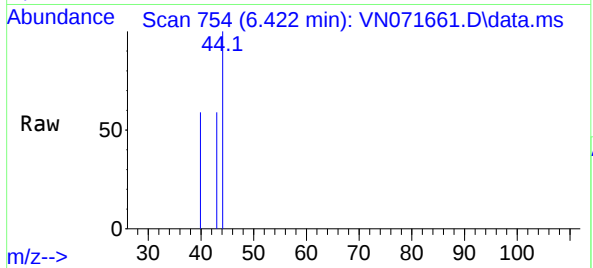




#23
 Vinyl Acetate
 Concen: 0.010 ug/l
 RT: 6.422 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN071661.D
 Acq: 30 Mar 2022 16:08

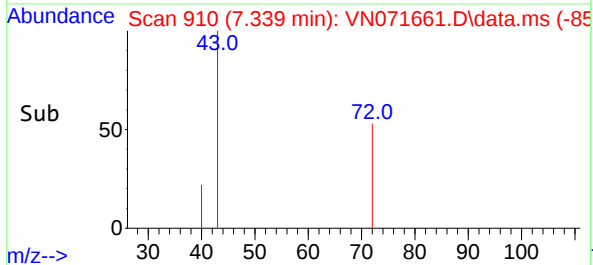
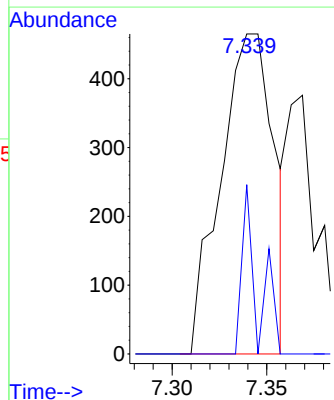
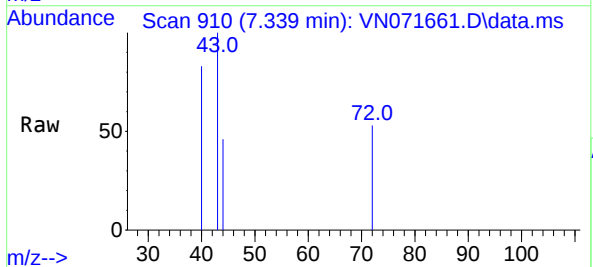
Instrument :
 MSVOA_N
 ClientSampleId :
 FB-02-20220322

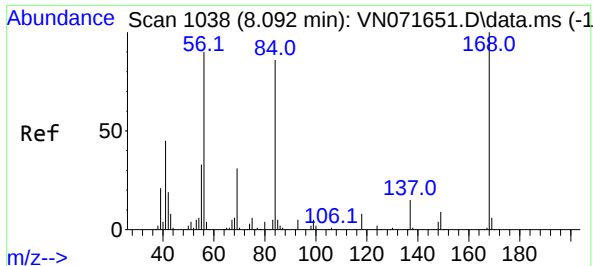
Tgt Ion: 43 Resp: 141
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 0.205 ug/l
 RT: 7.339 min Scan# 910
 Delta R.T. 0.011 min
 Lab File: VN071661.D
 Acq: 30 Mar 2022 16:08

Tgt Ion: 43 Resp: 908
 Ion Ratio Lower Upper
 43 100
 72 52.9 23.7 35.5#





#31

Cyclohexane

Concen: 1.139 ug/l

RT: 8.075 min Scan# 1

Delta R.T. -0.017 min

Lab File: VN071661.D

Acq: 30 Mar 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

FB-02-20220322

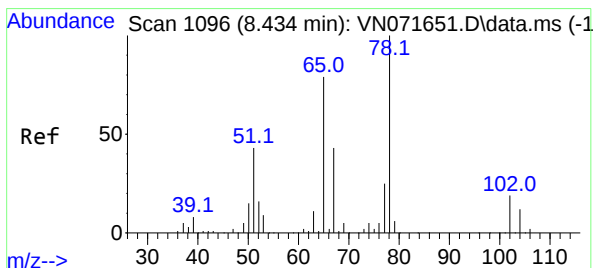
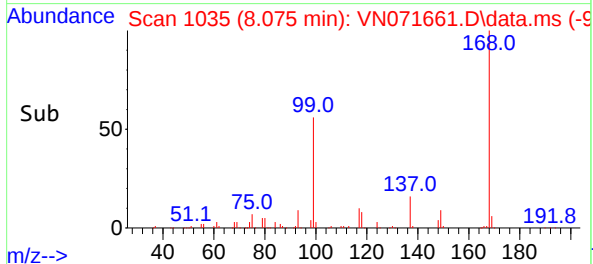
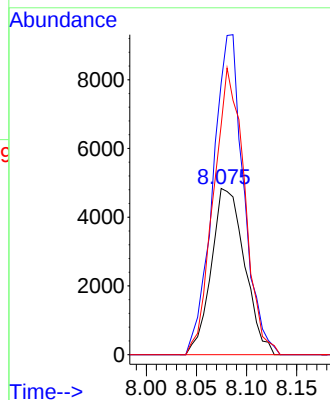
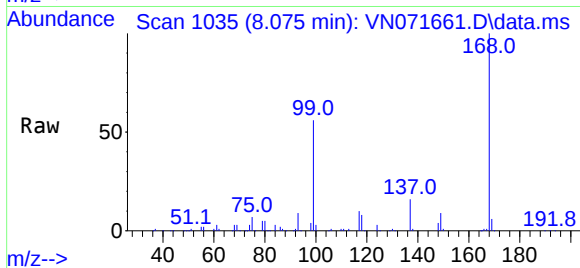
Tgt Ion: 56 Resp: 11160

Ion Ratio Lower Upper

56 100

69 163.3 27.8 41.8#

84 138.1 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.250 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071661.D

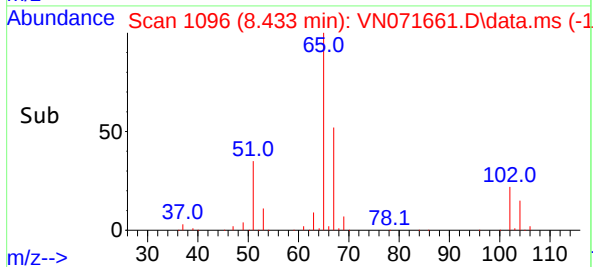
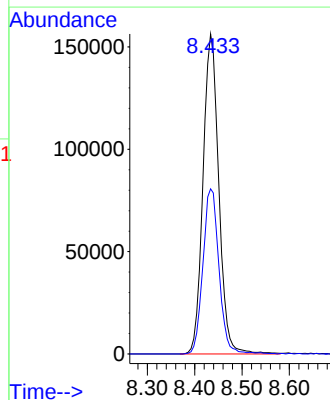
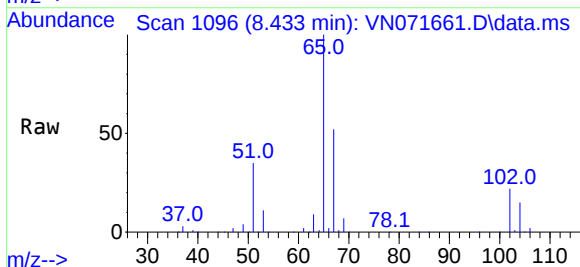
Acq: 30 Mar 2022 16:08

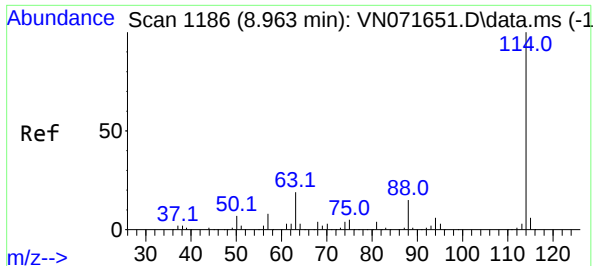
Tgt Ion: 65 Resp: 362063

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8

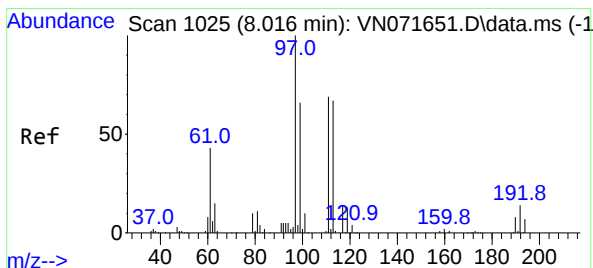
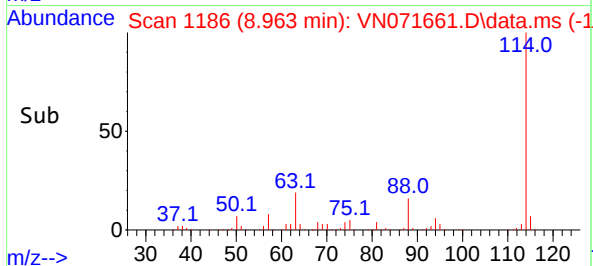
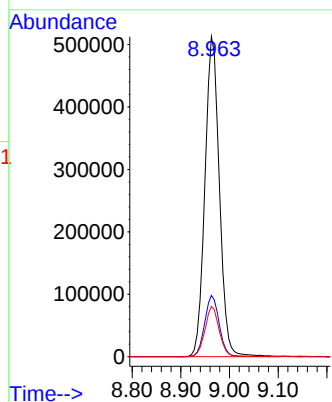
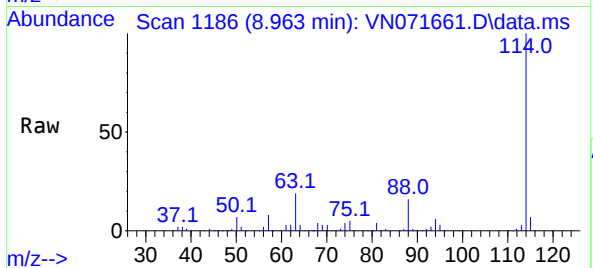




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

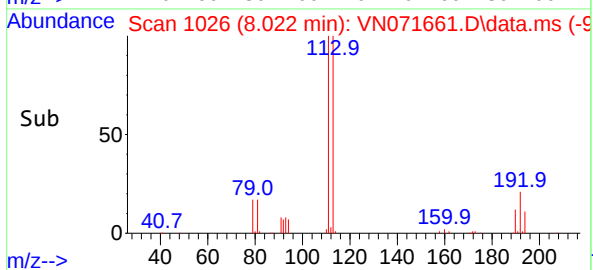
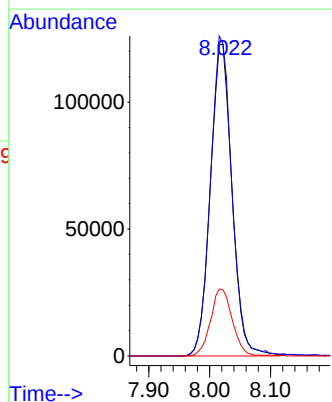
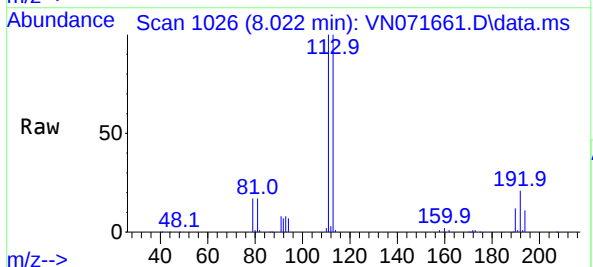
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

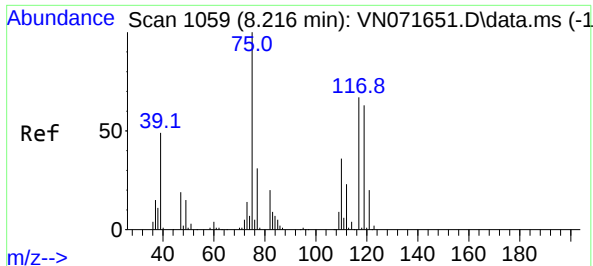
Tgt Ion:114 Resp: 1055005
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.860 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion:113 Resp: 303330
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 21.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.983 ug/l

RT: 8.086 min Scan# 1

Delta R.T. -0.130 min

Lab File: VN071661.D

Acq: 30 Mar 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

FB-02-20220322

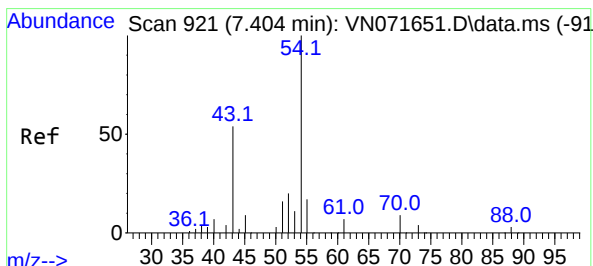
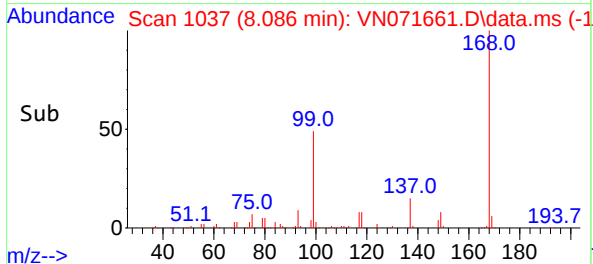
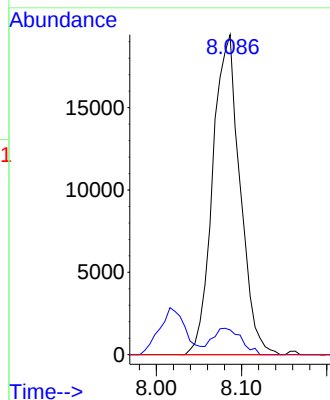
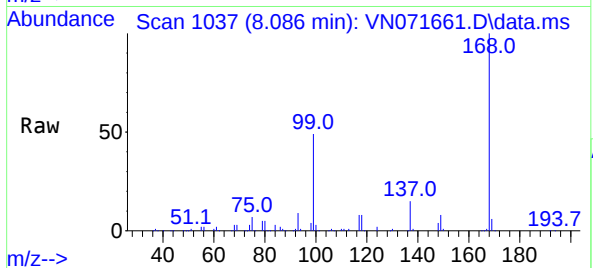
Tgt Ion: 75 Resp: 43200

Ion Ratio Lower Upper

75 100

110 8.5 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.014 ug/l

RT: 7.404 min Scan# 921

Delta R.T. 0.000 min

Lab File: VN071661.D

Acq: 30 Mar 2022 16:08

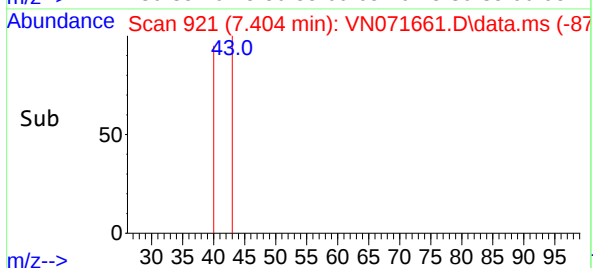
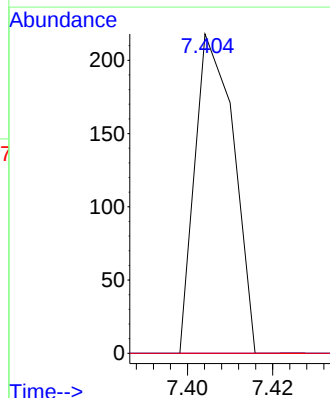
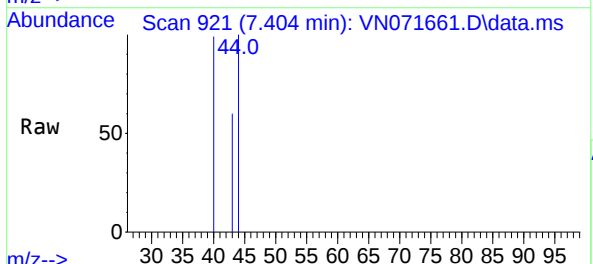
Tgt Ion: 43 Resp: 137

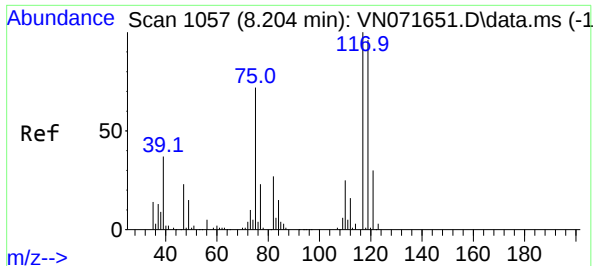
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

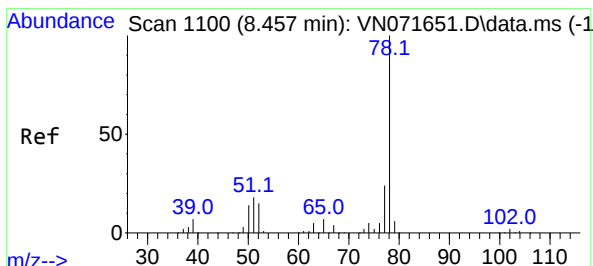
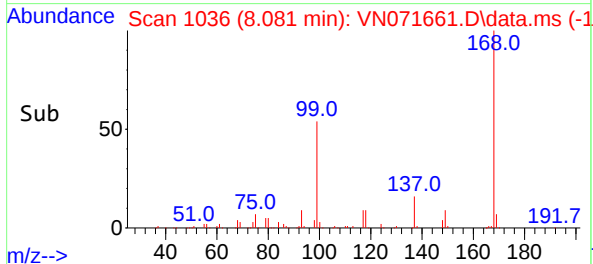
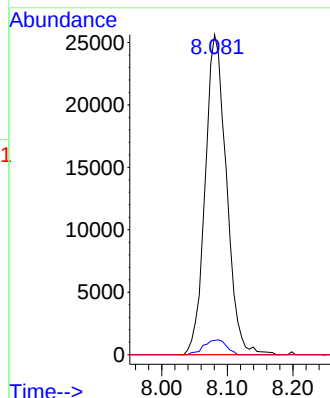
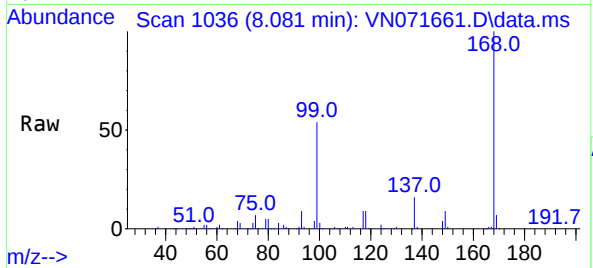




#38
Carbon Tetrachloride
Concen: 6.794 ug/l
RT: 8.081 min Scan# 1100
Delta R.T. -0.123 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

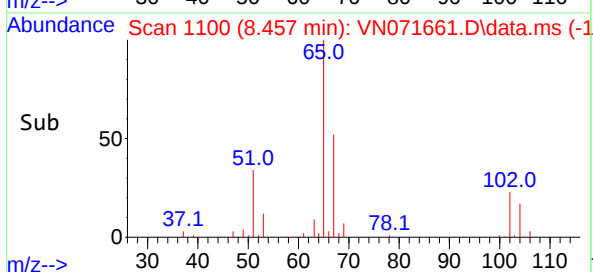
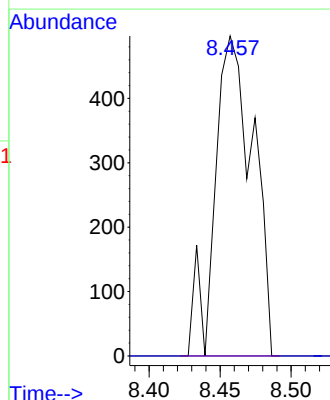
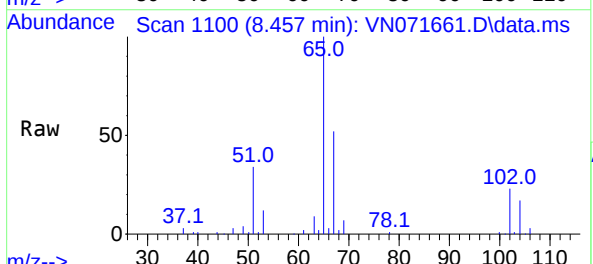
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

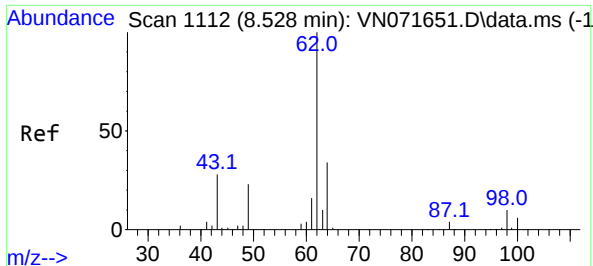
Tgt Ion:117 Resp: 57721
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 0.034 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 78 Resp: 937
Ion Ratio Lower Upper
78 100
77 0.0 19.4 29.0#

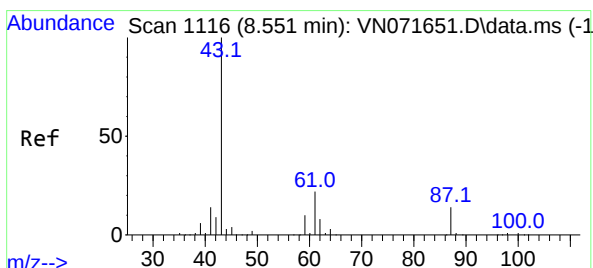
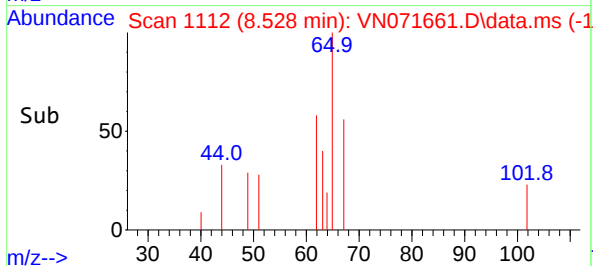
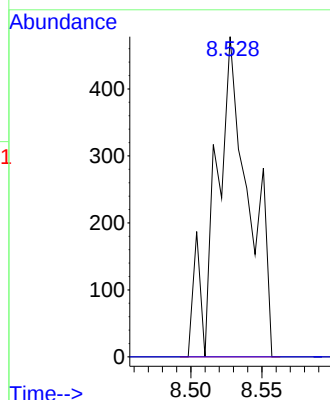
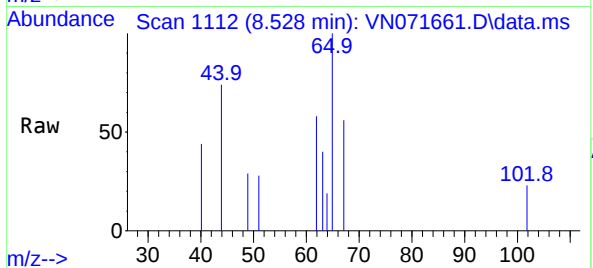




#42
1,2-Dichloroethane
Concen: 0.083 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

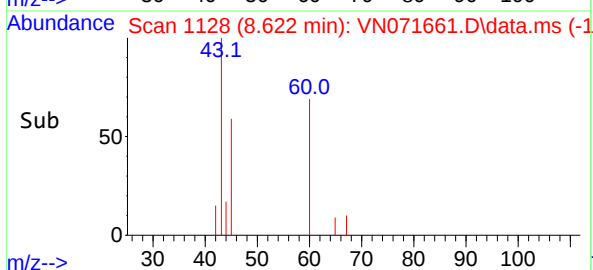
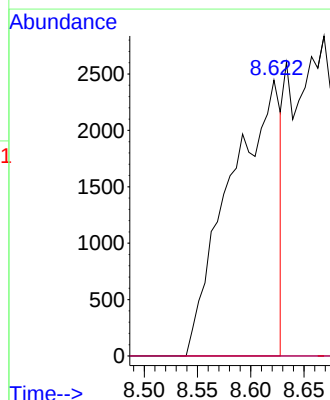
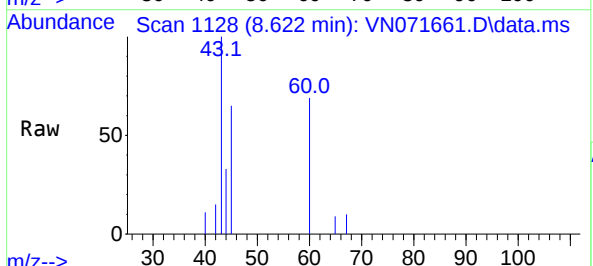
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

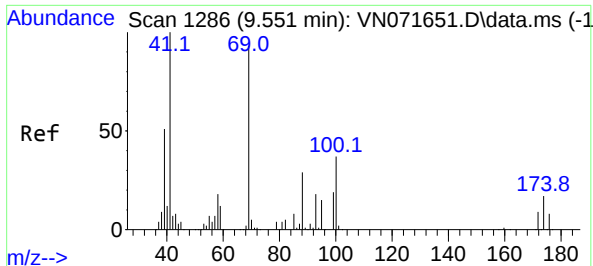
Tgt Ion: 62 Resp: 782
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#43
Isopropyl Acetate
Concen: 0.507 ug/l
RT: 8.622 min Scan# 1128
Delta R.T. 0.071 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 43 Resp: 8004
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

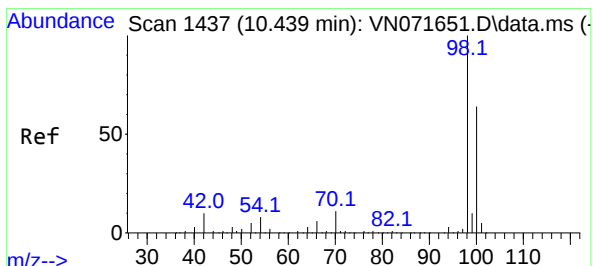
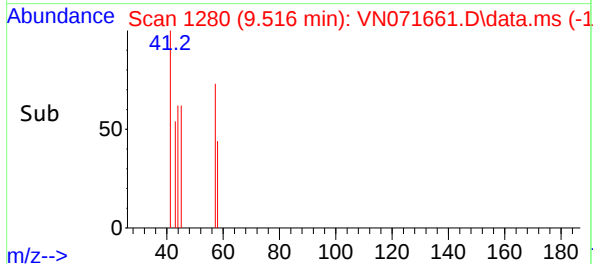
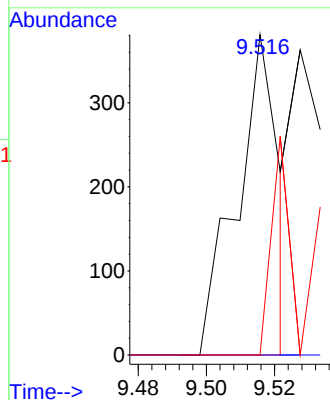
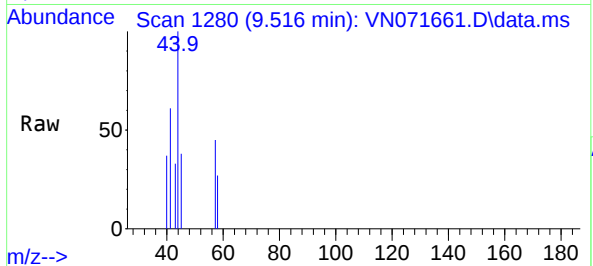




#48
Methyl methacrylate
Concen: 0.050 ug/l
RT: 9.516 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

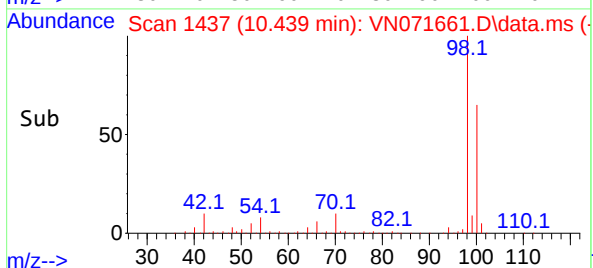
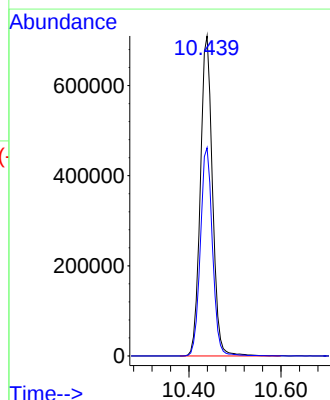
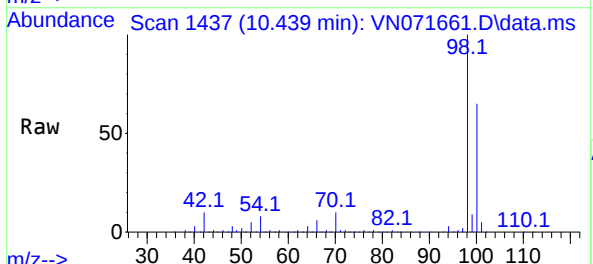
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

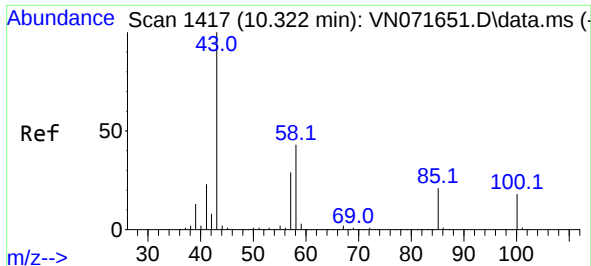
Tgt Ion: 41 Resp: 325
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 28.3 45.6 68.4#



#50
Toluene-d8
Concen: 51.121 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 98 Resp: 1298260
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

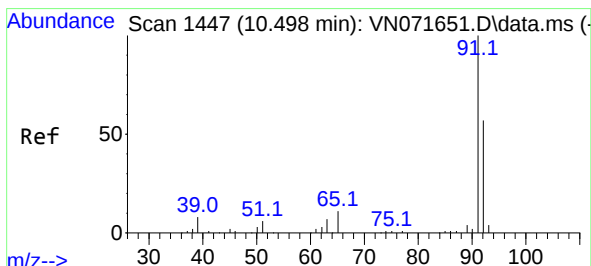
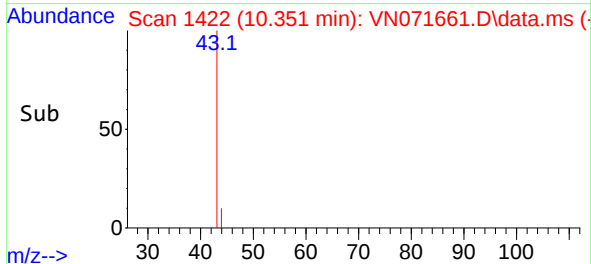
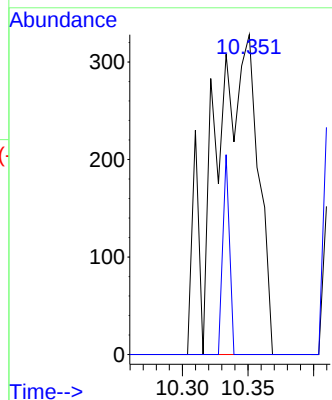
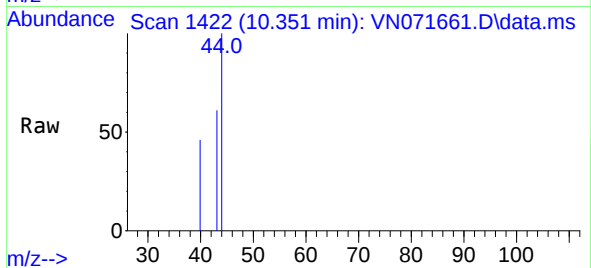




#51
4-Methyl-2-Pentanone
Concen: 0.085 ug/l
RT: 10.351 min Scan# 1417
Delta R.T. 0.029 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

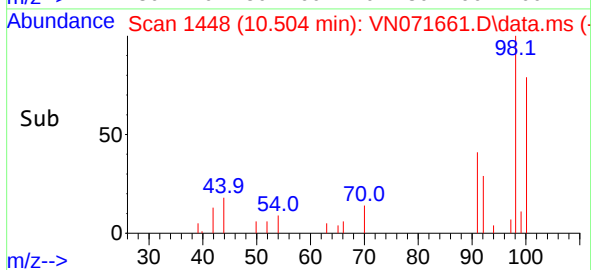
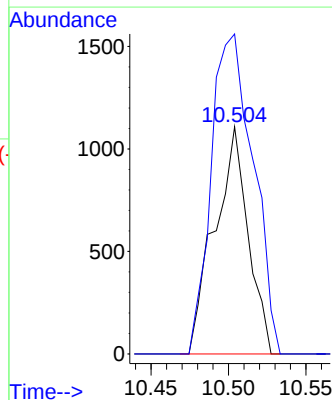
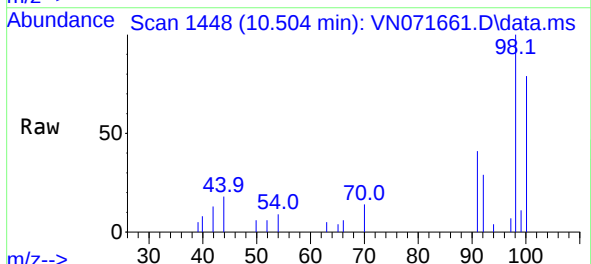
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

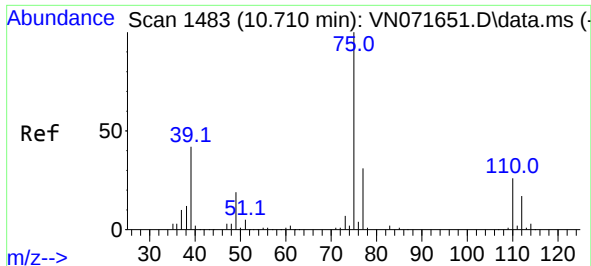
Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 0.0 34.1 51.1#



#52
Toluene
Concen: 0.096 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 92 Resp: 1665
Ion Ratio Lower Upper
92 100
91 176.7 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 0.006 ug/l

RT: 10.716 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VN071661.D

Acq: 30 Mar 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

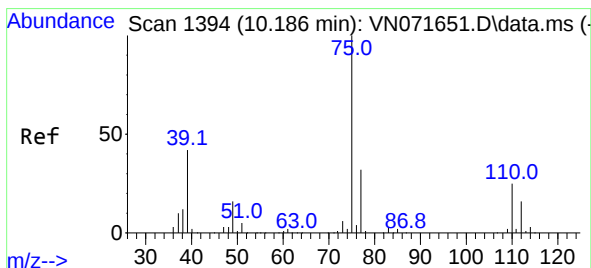
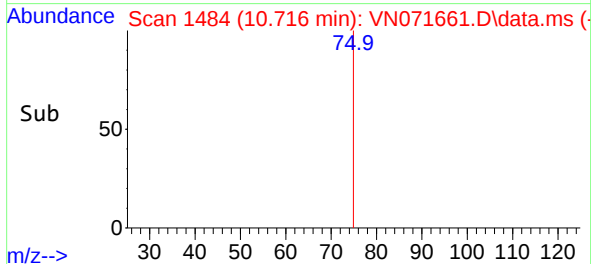
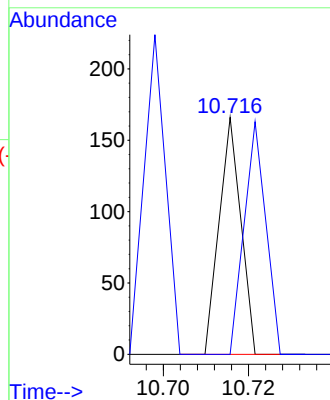
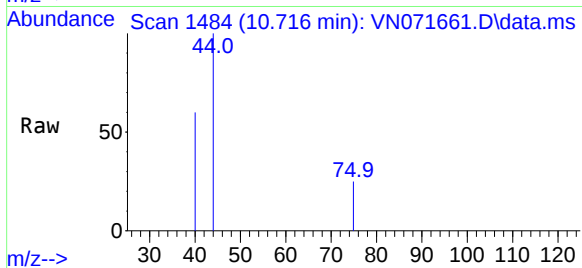
FB-02-20220322

Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#



#54

cis-1,3-Dichloropropene

Concen: 0.008 ug/l

RT: 10.192 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN071661.D

Acq: 30 Mar 2022 16:08

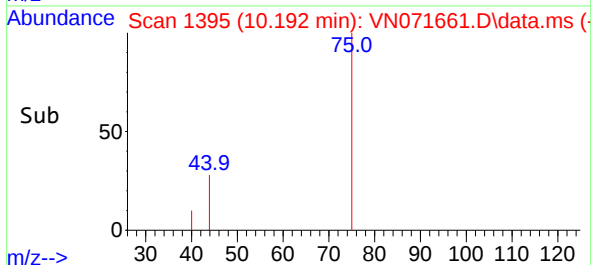
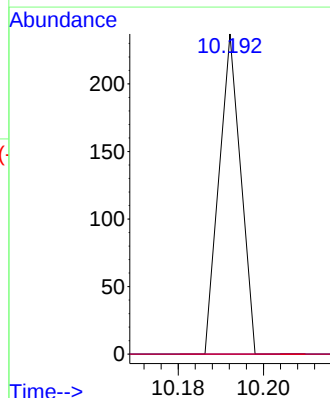
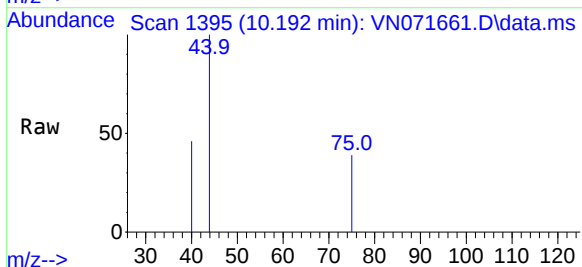
Tgt Ion: 75 Resp: 84

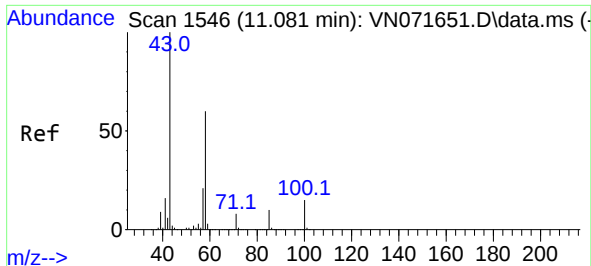
Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

39 0.0 35.7 53.5#

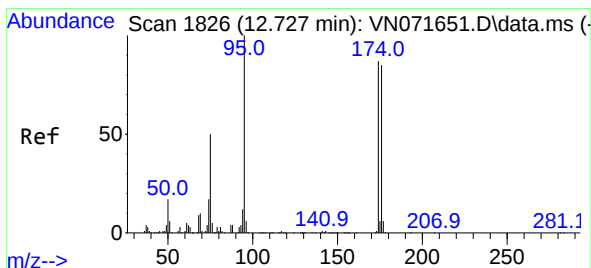
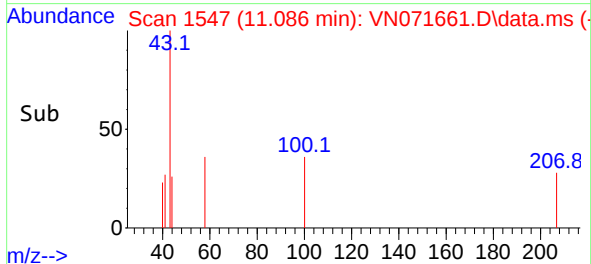
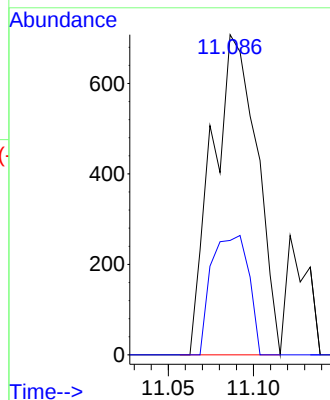
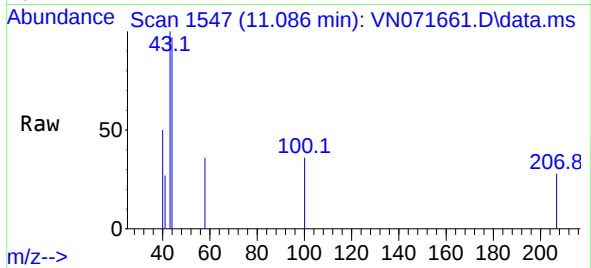




#59
2-Hexanone
Concen: 0.202 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

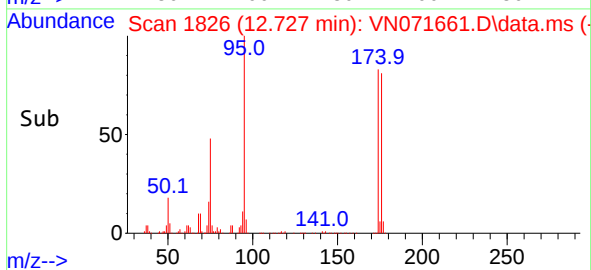
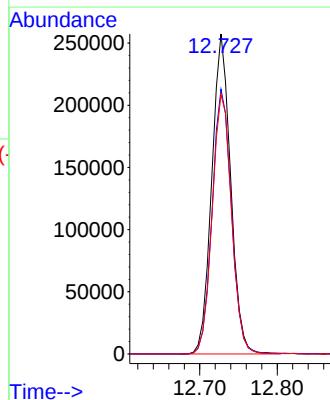
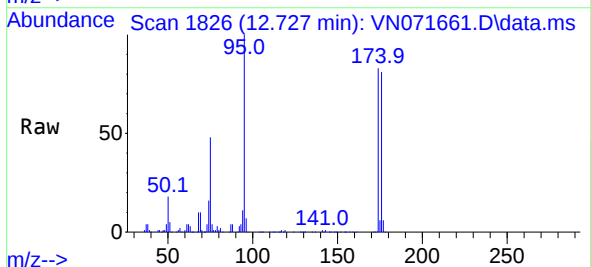
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

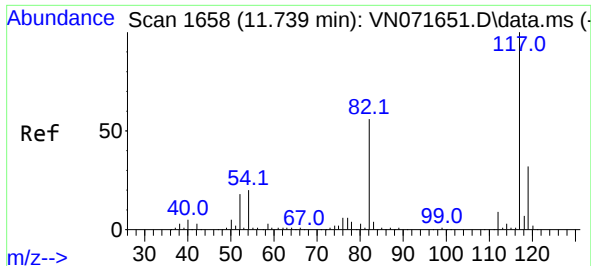
Tgt Ion: 43 Resp: 1290
Ion Ratio Lower Upper
43 100
58 31.1 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 52.895 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 95 Resp: 434447
Ion Ratio Lower Upper
95 100
174 85.0 0.0 167.6
176 83.0 0.0 163.4

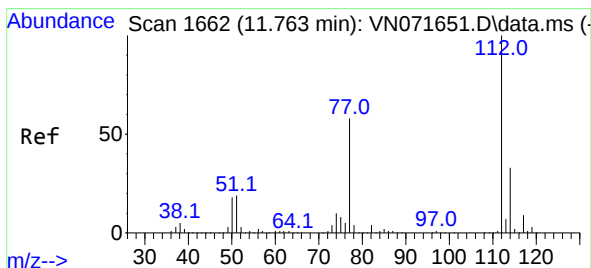
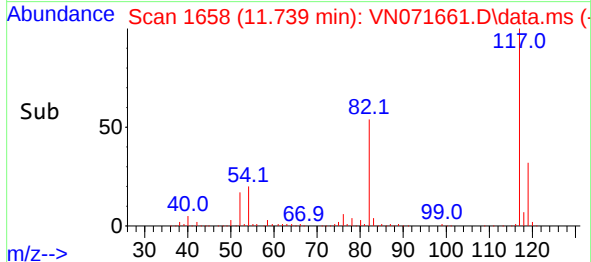
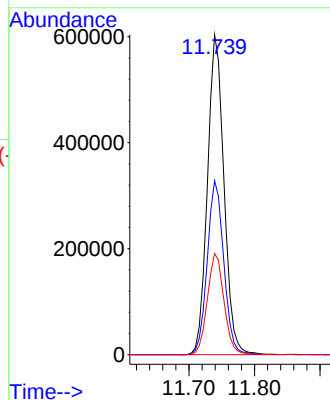
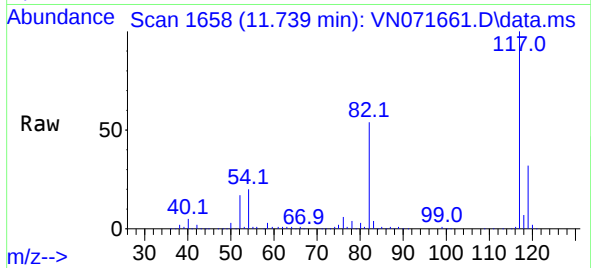




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

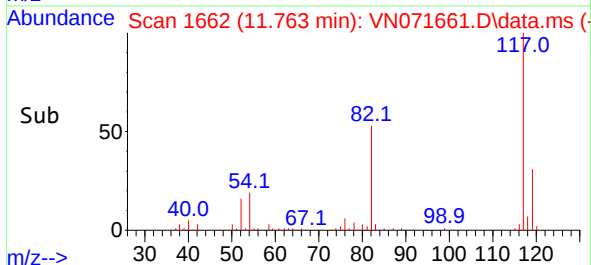
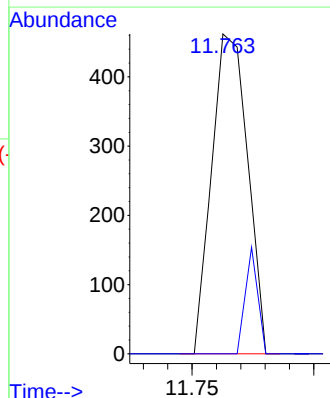
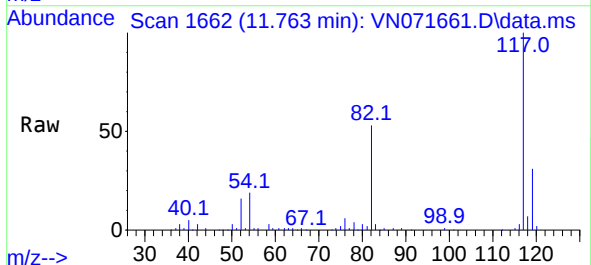
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

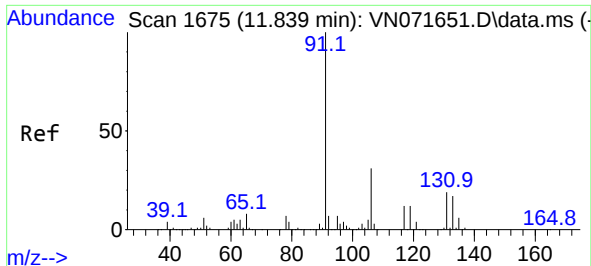
Tgt Ion:117 Resp: 1060213
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.6 25.4 38.0



#65
Chlorobenzene
Concen: 0.022 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion:112 Resp: 474
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#

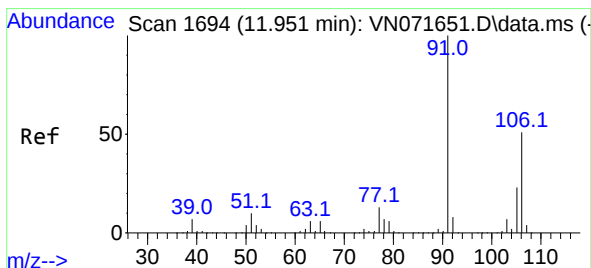
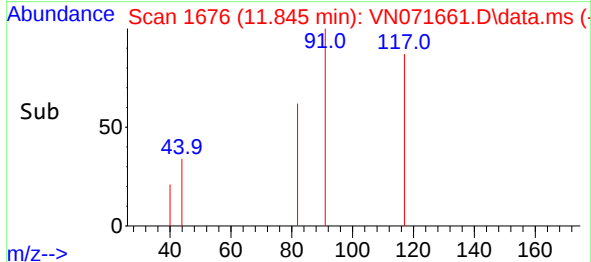
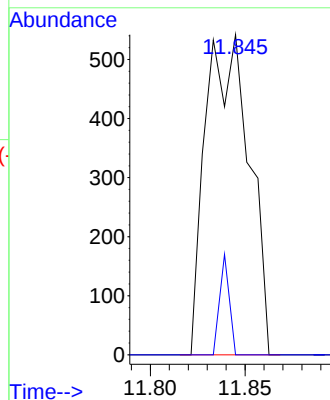
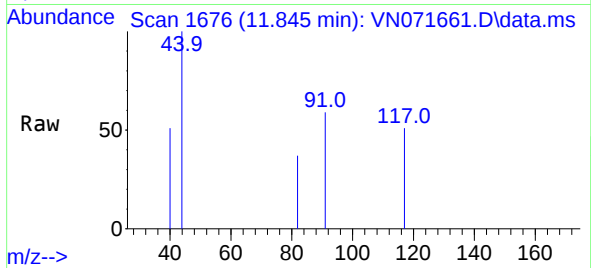




#67
Ethyl Benzene
Concen: 0.024 ug/l
RT: 11.845 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

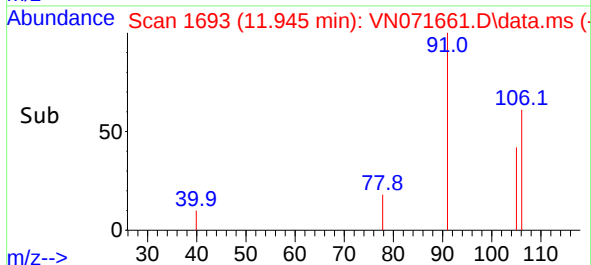
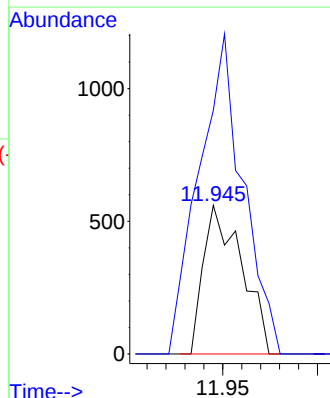
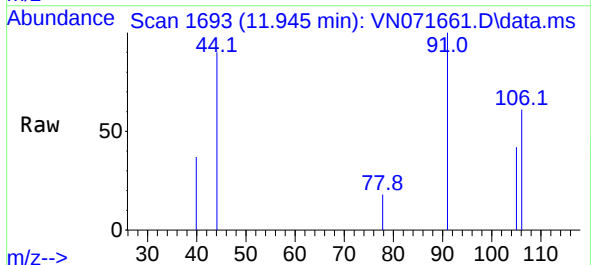
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

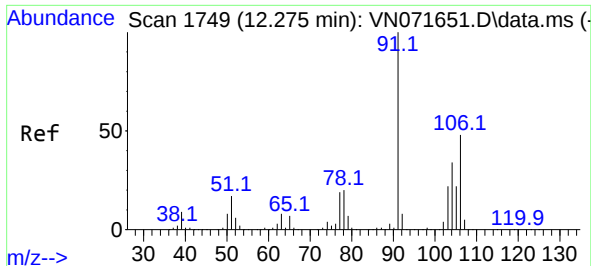
Tgt Ion: 91 Resp: 868
Ion Ratio Lower Upper
91 100
106 0.0 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.057 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 106 Resp: 788
Ion Ratio Lower Upper
106 100
91 247.1 158.9 238.3#

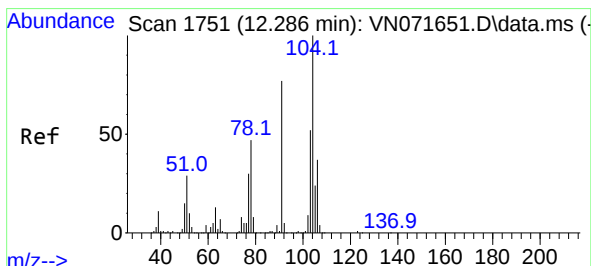
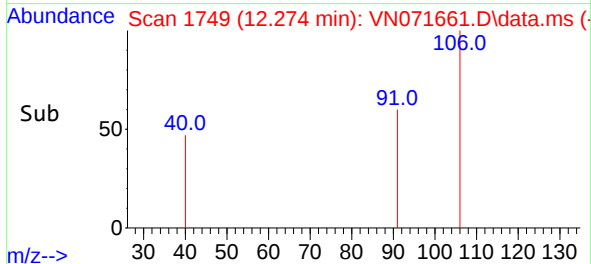
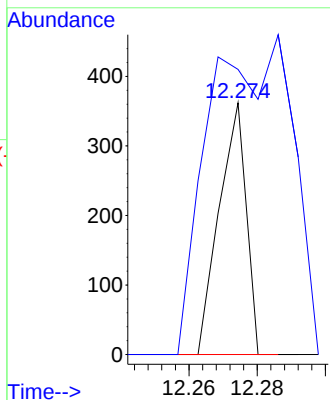
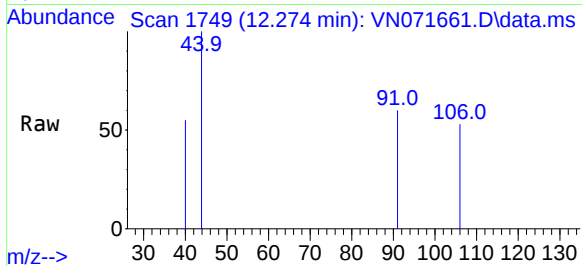




#69
o-Xylene
Concen: 0.015 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

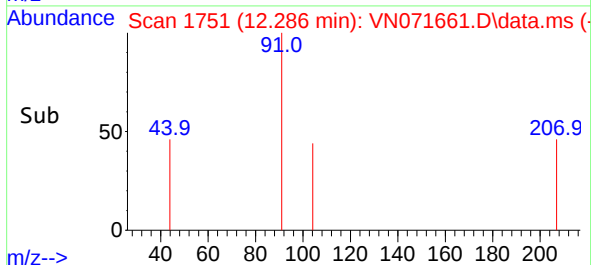
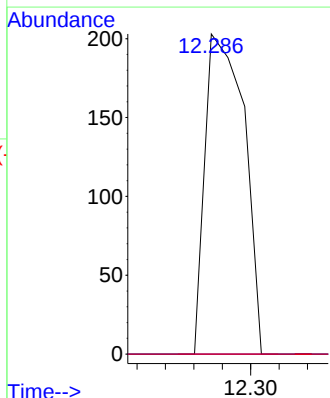
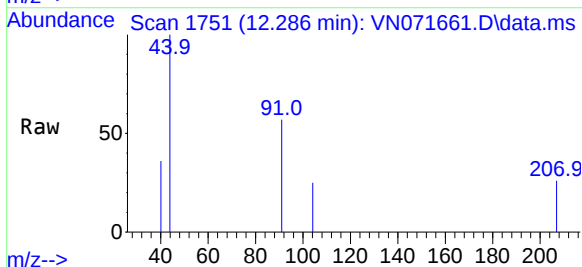
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

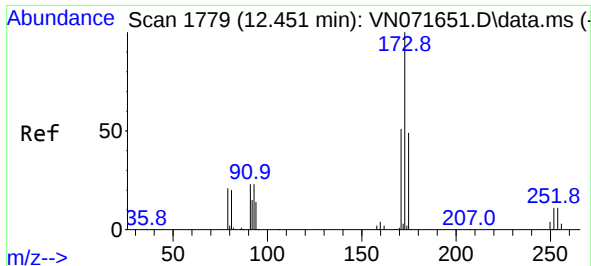
Tgt Ion:106 Resp: 199
Ion Ratio Lower Upper
106 100
91 389.9 106.0 318.0#



#70
Styrene
Concen: 0.009 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion:104 Resp: 193
Ion Ratio Lower Upper
104 100
78 0.0 39.5 59.3#
103 0.0 44.0 66.0#

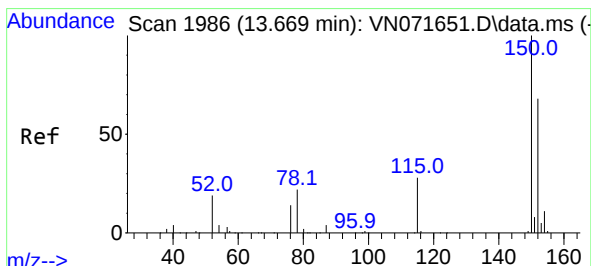
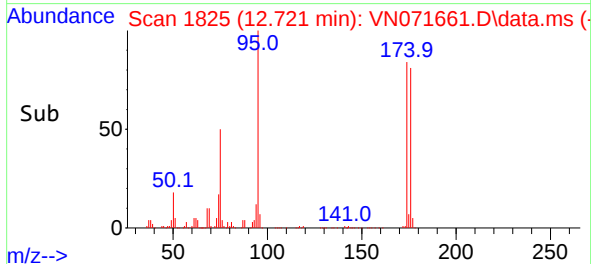
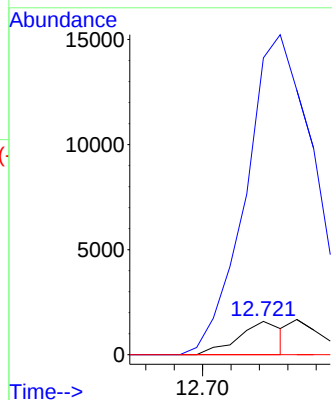
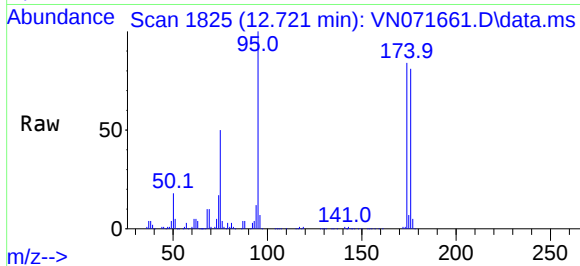




#71
Bromoform
Concen: 0.290 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

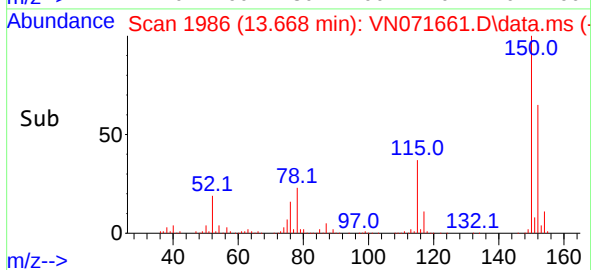
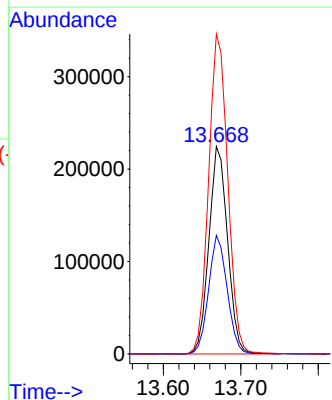
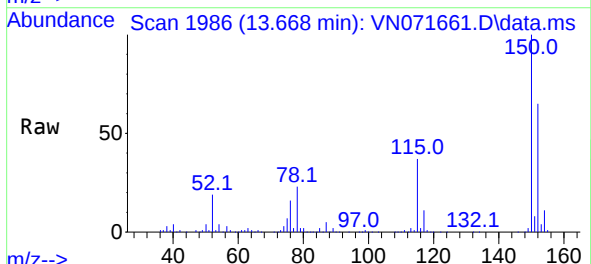
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

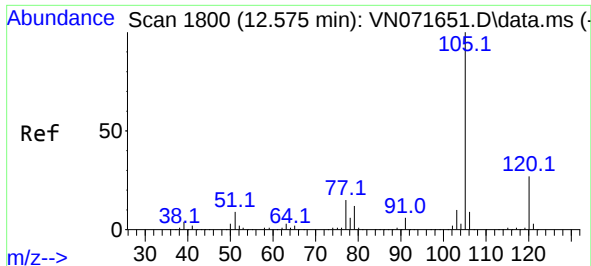
Tgt Ion:173 Resp: 1691
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion:152 Resp: 376031
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 158.1 0.0 356.2

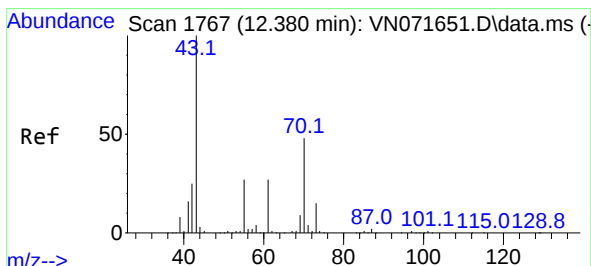
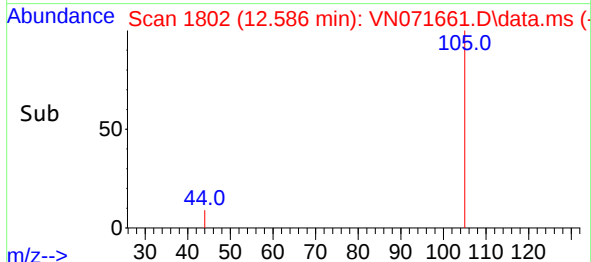
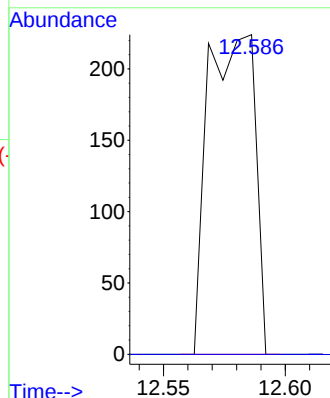
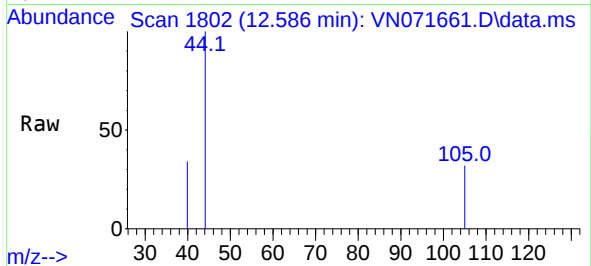




#73
Isopropylbenzene
Concen: 0.009 ug/l
RT: 12.586 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

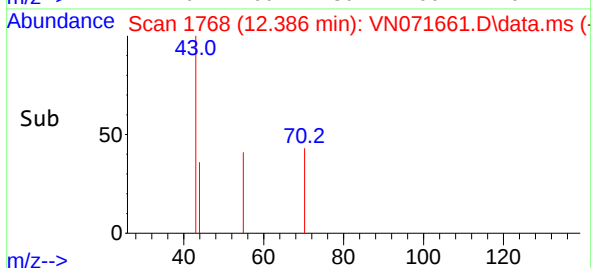
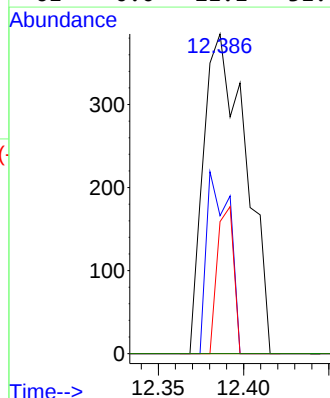
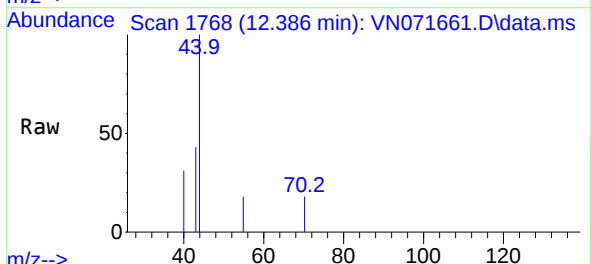
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

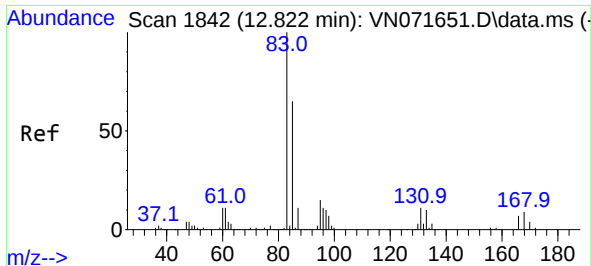
Tgt Ion:105 Resp: 301
Ion Ratio Lower Upper
105 100
120 0.0 13.5 40.4#



#74
N-ethyl acetate
Concen: 0.073 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
70 30.7 39.0 58.4#
55 18.0 21.1 31.7#
61 0.0 21.1 31.7#

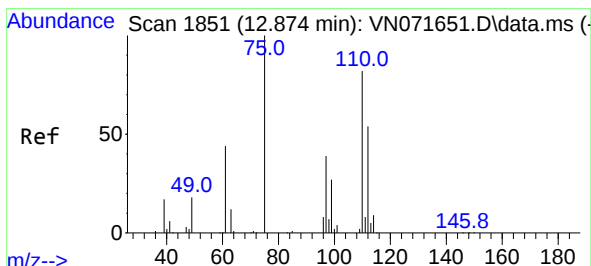
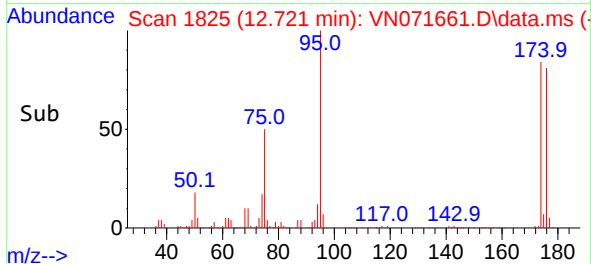
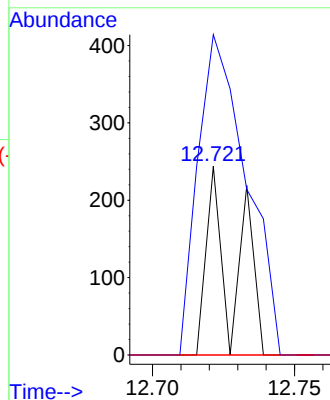
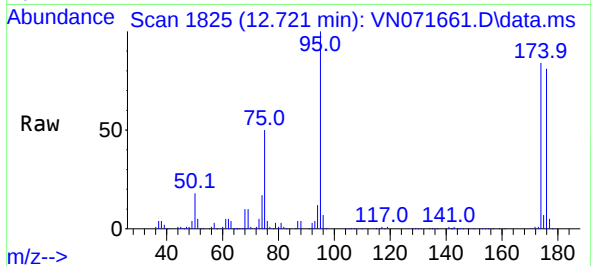




#75
1,1,2,2-Tetrachloroethane
Concen: 0.015 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. -0.101 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

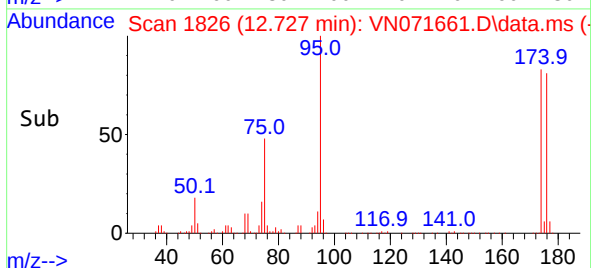
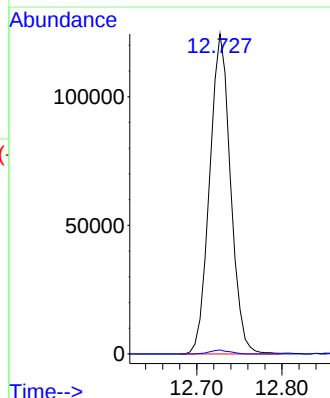
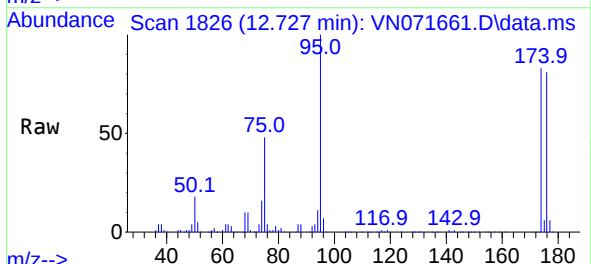
Instrument : MSVOA_N
ClientSampleId : FB-02-20220322

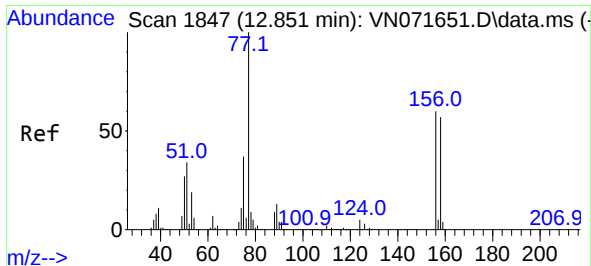
Tgt Ion: 83 Resp: 163
Ion Ratio Lower Upper
83 100
131 301.2 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 24.387 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 75 Resp: 212437
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#

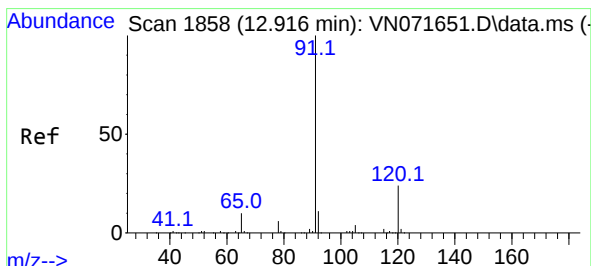
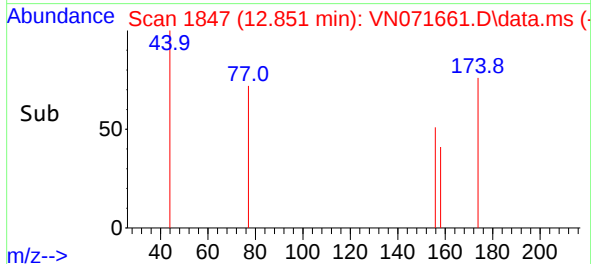
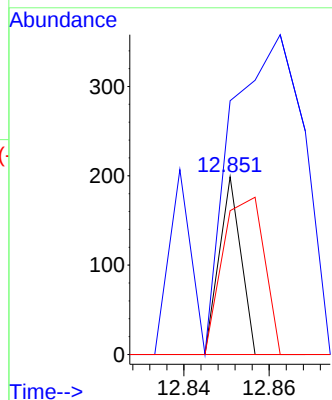
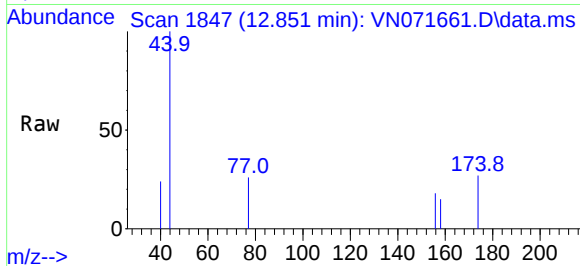




#77
Bromobenzene
Concen: 0.009 ug/l
RT: 12.851 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

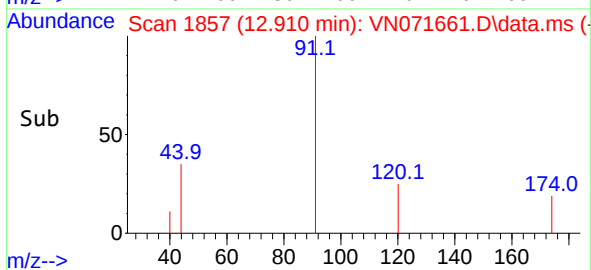
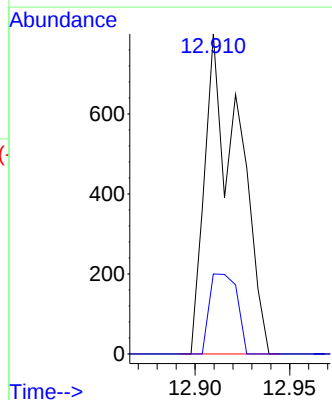
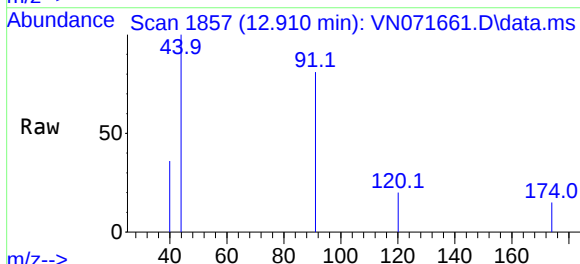
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

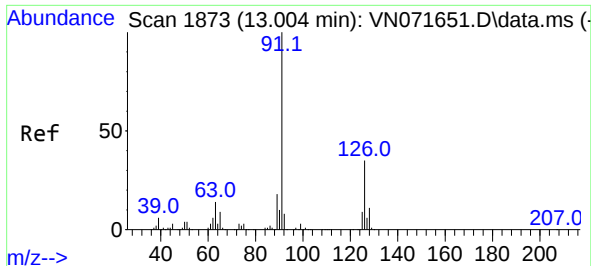
Tgt Ion:156 Resp: 70
Ion Ratio Lower Upper
156 100
77 708.6 100.5 301.5#
158 170.0 48.9 146.6#



#78
n-propylbenzene
Concen: 0.030 ug/l
RT: 12.910 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 91 Resp: 999
Ion Ratio Lower Upper
91 100
120 20.2 11.9 35.5

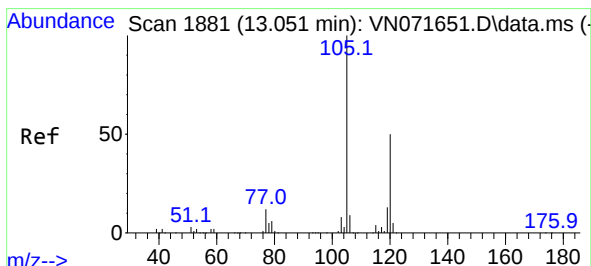
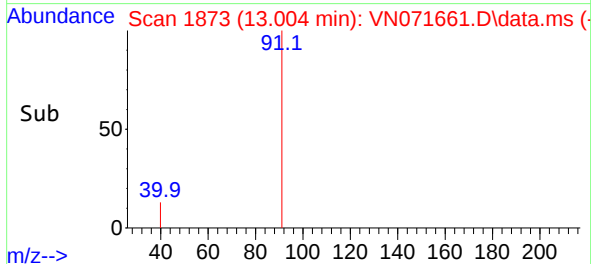
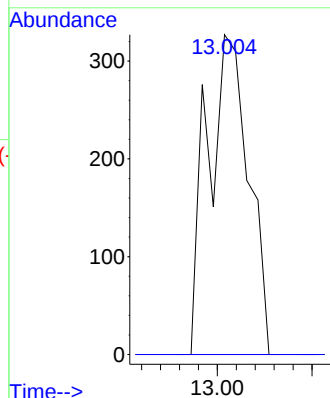
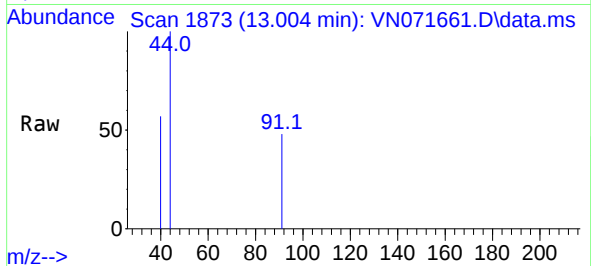




#79
2-Chlorotoluene
Concen: 0.023 ug/l
RT: 13.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

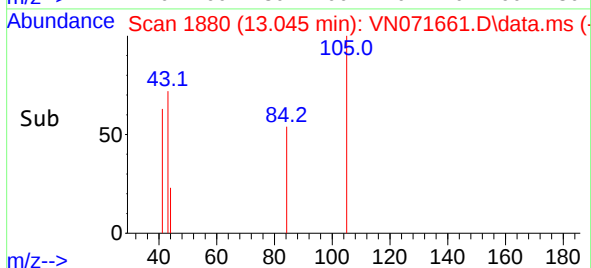
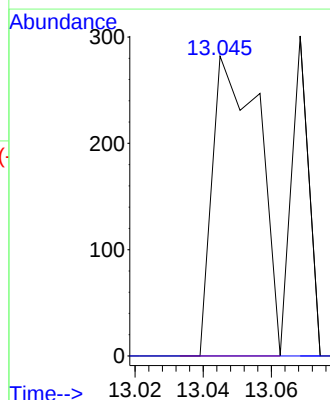
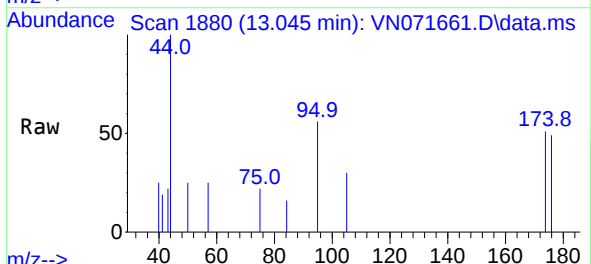
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

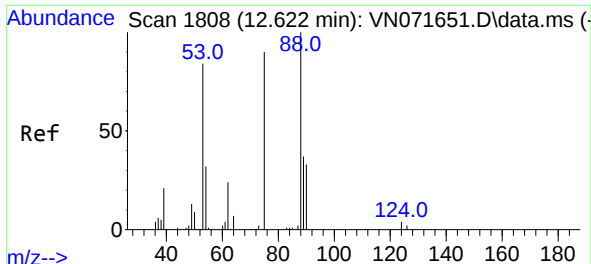
Tgt Ion: 91 Resp: 494
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 0.011 ug/l
RT: 13.045 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 105 Resp: 268
Ion Ratio Lower Upper
105 100
120 0.0 24.9 74.7#

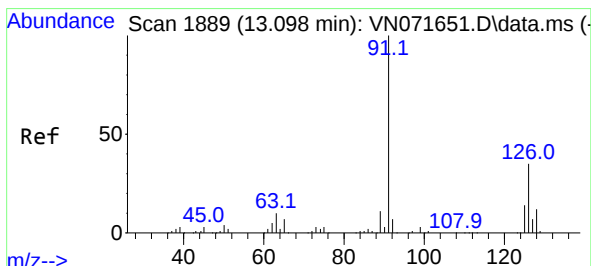
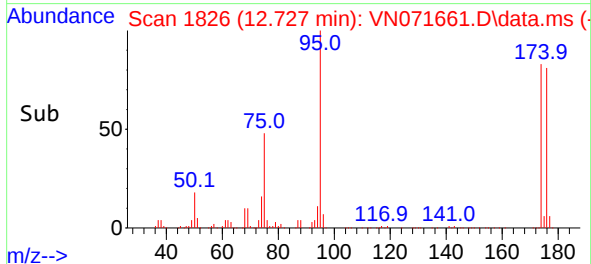
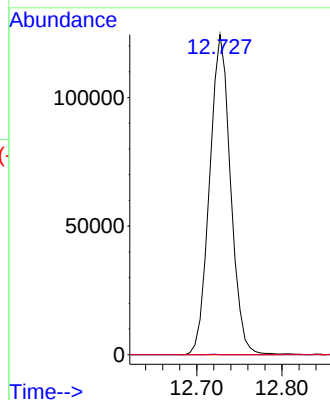
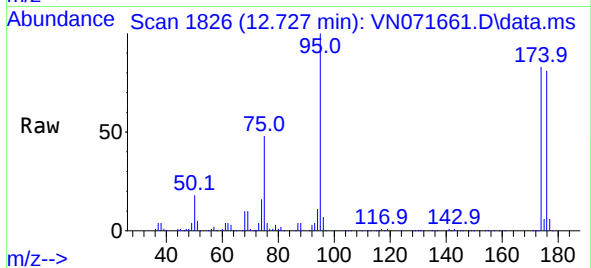




#81
trans-1,4-Dichloro-2-butene
Concen: 75.575 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

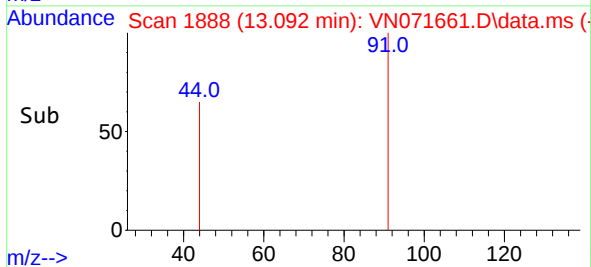
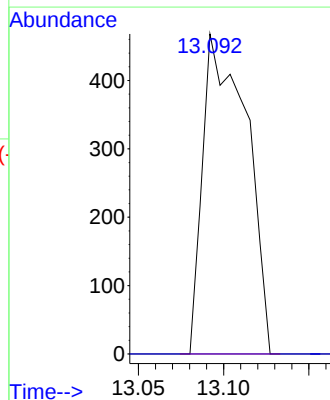
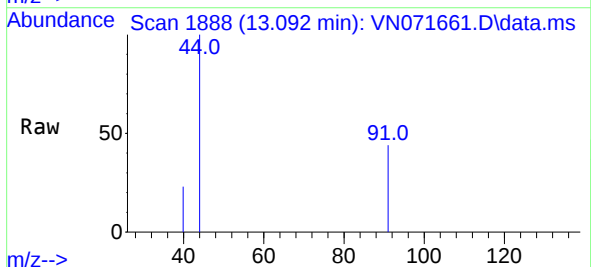
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

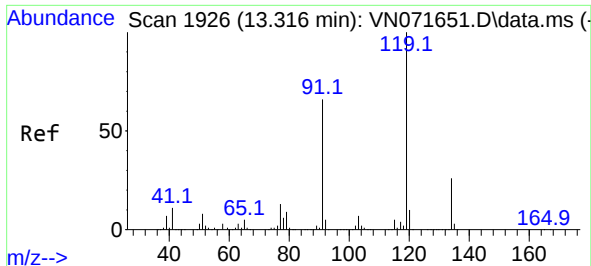
Tgt Ion: 75 Resp: 212437
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.042 ug/l
RT: 13.092 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion: 91 Resp: 835
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

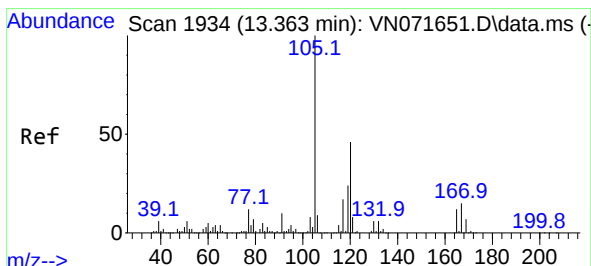
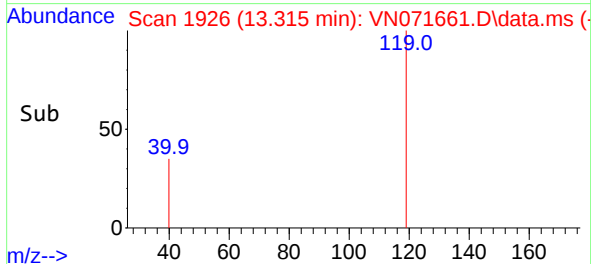
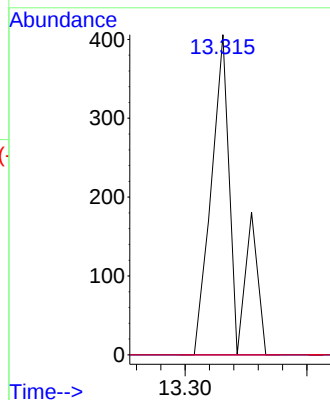
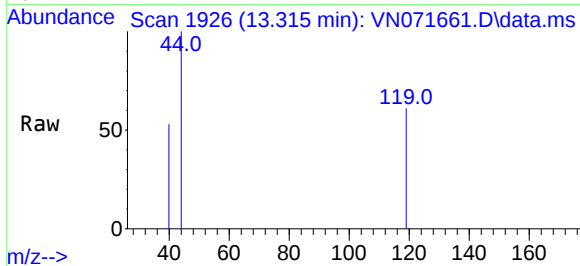




#83
tert-Butylbenzene
Concen: 0.012 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

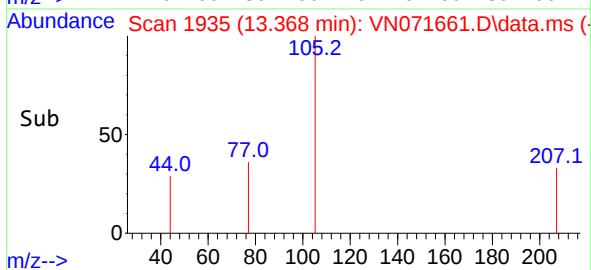
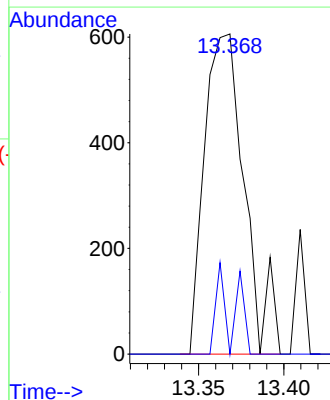
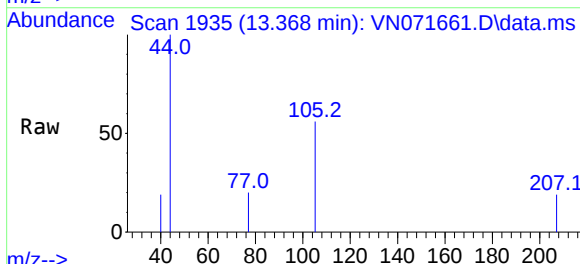
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

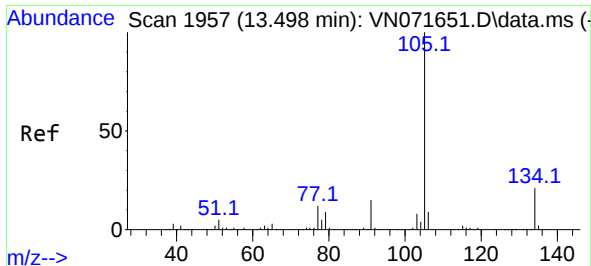
Tgt Ion:119 Resp: 267
Ion Ratio Lower Upper
119 100
91 0.0 31.6 94.8#
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 0.041 ug/l
RT: 13.368 min Scan# 1935
Delta R.T. 0.005 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion:105 Resp: 994
Ion Ratio Lower Upper
105 100
120 11.7 23.3 69.8#

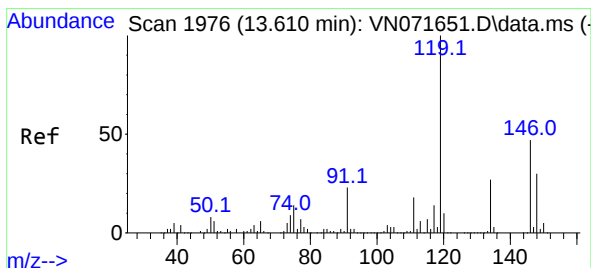
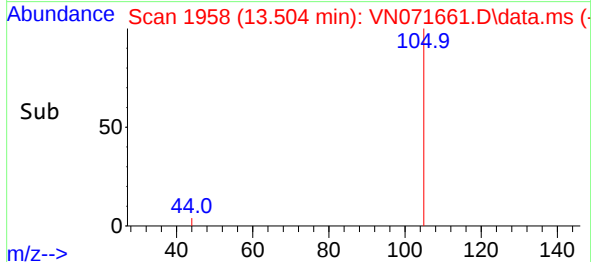
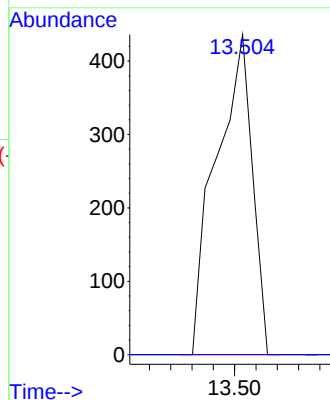
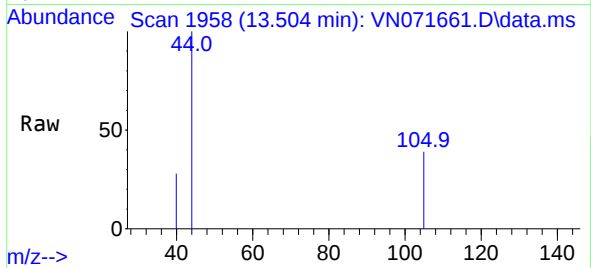




#85
 sec-Butylbenzene
 Concen: 0.017 ug/l
 RT: 13.504 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VN071661.D
 Acq: 30 Mar 2022 16:08

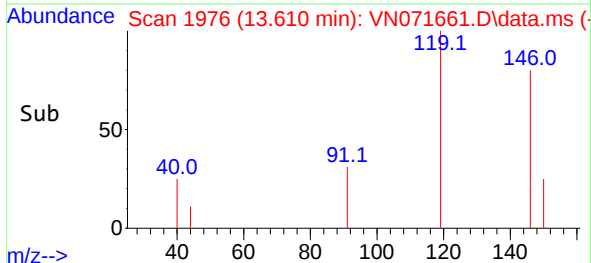
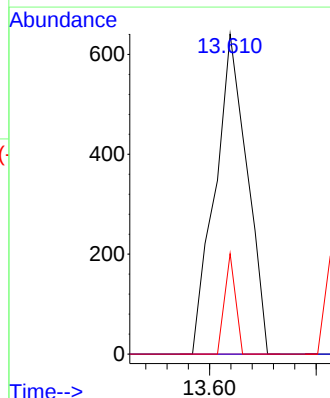
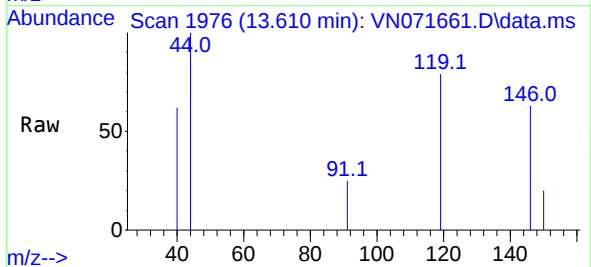
Instrument :
 MSVOA_N
 ClientSampleId :
 FB-02-20220322

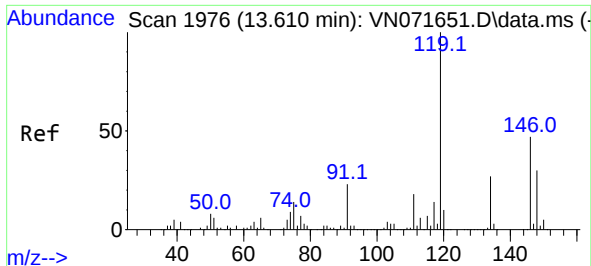
Tgt Ion:105 Resp: 515
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.028 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071661.D
 Acq: 30 Mar 2022 16:08

Tgt Ion:119 Resp: 670
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.3 39.8#
 91 10.6 11.3 33.9#

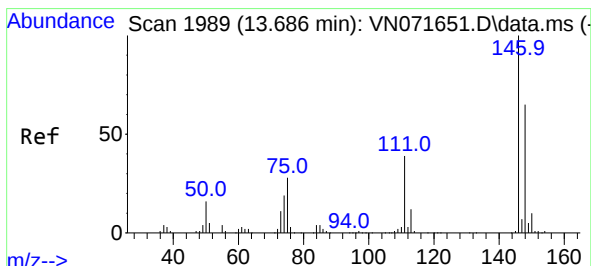
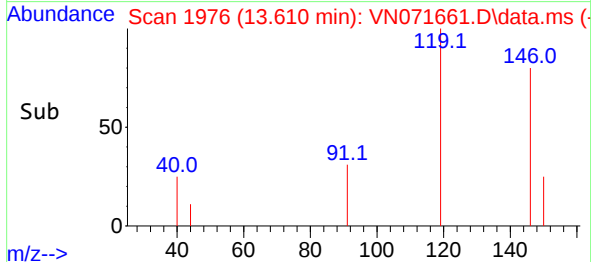
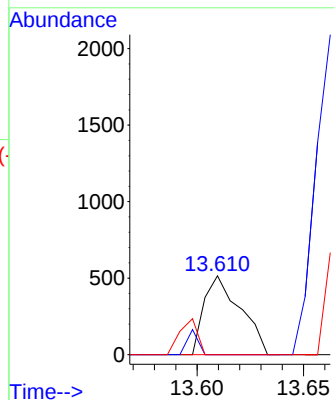
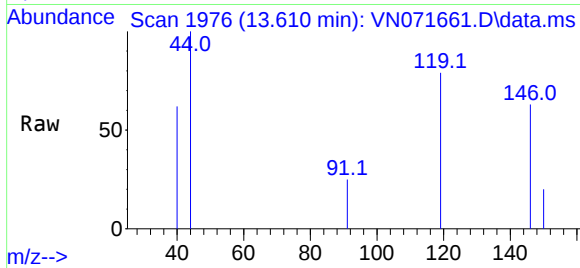




#87
1,3-Dichlorobenzene
Concen: 0.048 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

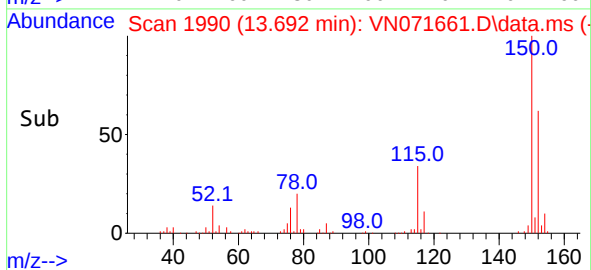
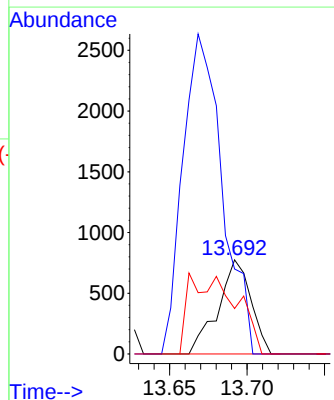
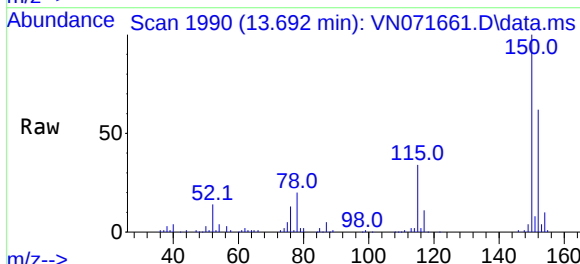
Instrument : MSVOA_N
ClientSampleId : FB-02-20220322

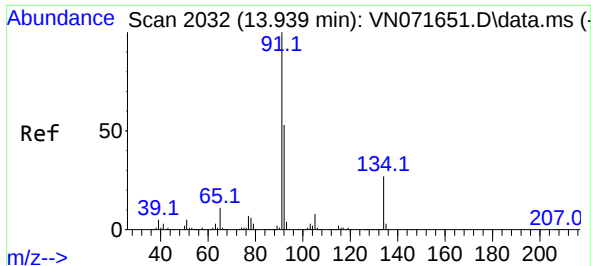
Tgt Ion:146 Resp: 612
Ion Ratio Lower Upper
146 100
111 0.0 20.0 60.0#
148 22.4 32.0 96.0#



#88
1,4-Dichlorobenzene
Concen: 0.093 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion:146 Resp: 1143
Ion Ratio Lower Upper
146 100
111 0.0 19.1 57.1#
148 0.0 31.4 94.3#

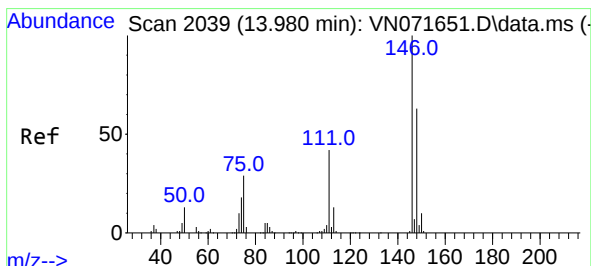
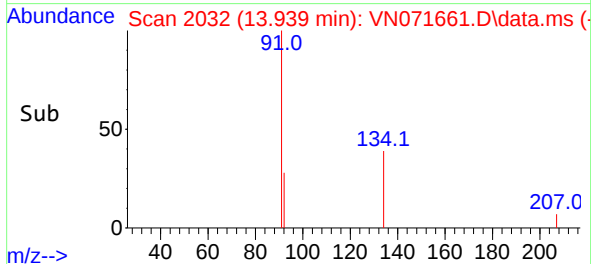
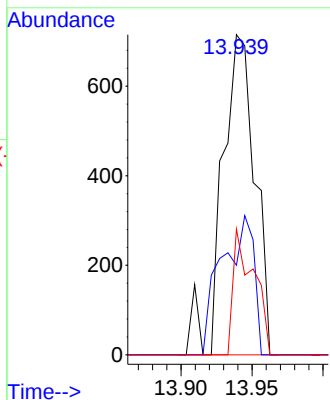
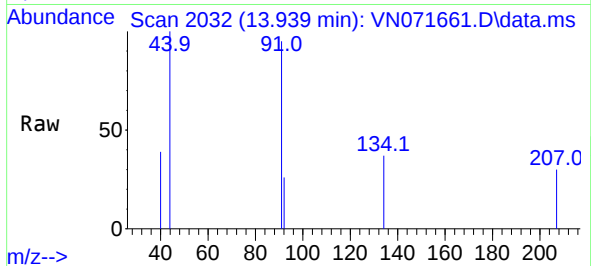




#89
n-Butylbenzene
Concen: 0.065 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

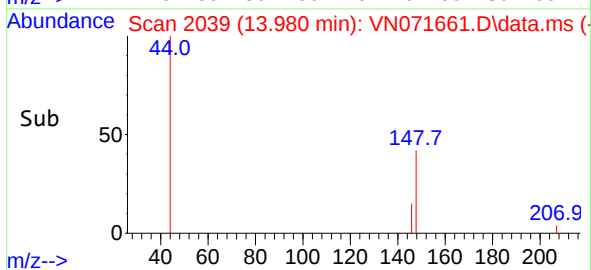
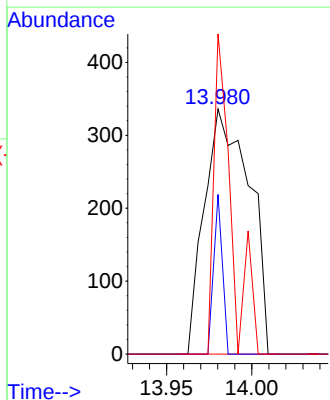
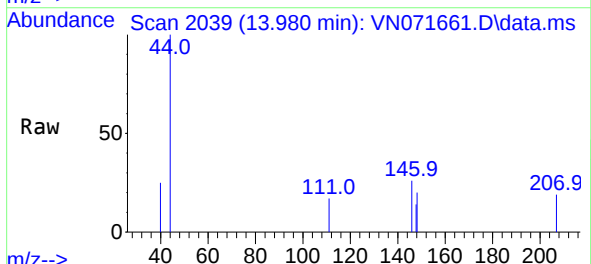
Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

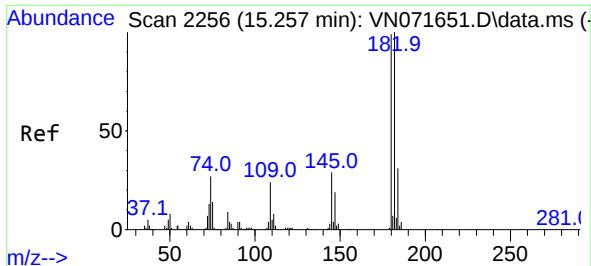
Tgt Ion:	91	Resp:	1136
Ion	Ratio	Lower	Upper
91	100		
92	43.1	26.9	80.7
134	25.0	13.6	40.8



#91
1,2-Dichlorobenzene
Concen: 0.050 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion:	146	Resp:	618
Ion	Ratio	Lower	Upper
146	100		
111	12.5	20.9	62.8
148	50.6	32.1	96.3





#93

1,2,4-Trichlorobenzene

Concen: 2.176 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN071661.D

Acq: 30 Mar 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

FB-02-20220322

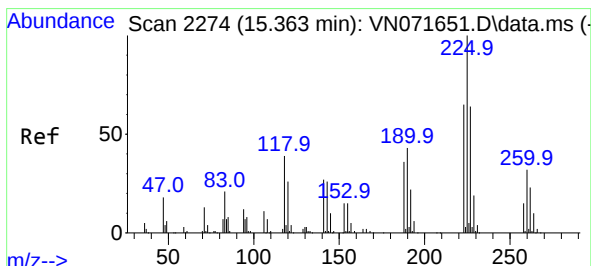
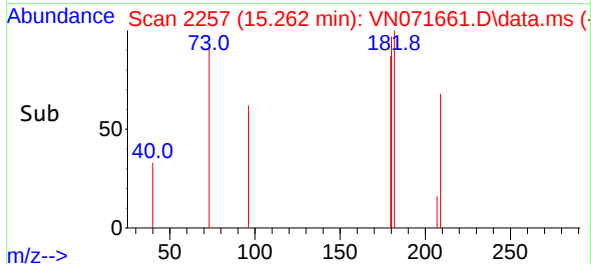
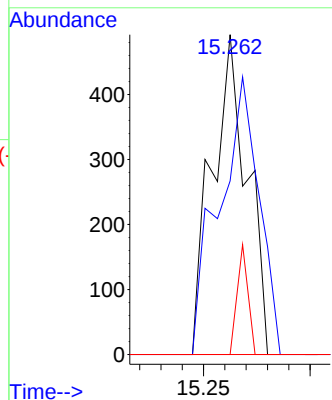
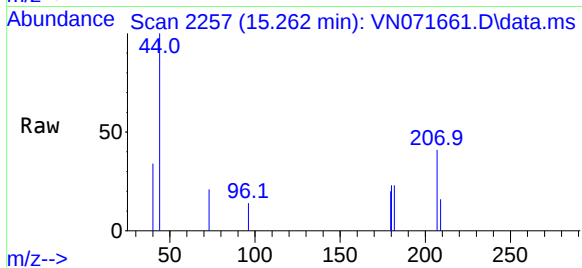
Tgt Ion:180 Resp: 565

Ion Ratio Lower Upper

180 100

182 98.4 47.5 142.5

145 10.6 14.5 43.5#



#94

Hexachlorobutadiene

Concen: 0.016 ug/l

RT: 15.357 min Scan# 2273

Delta R.T. -0.006 min

Lab File: VN071661.D

Acq: 30 Mar 2022 16:08

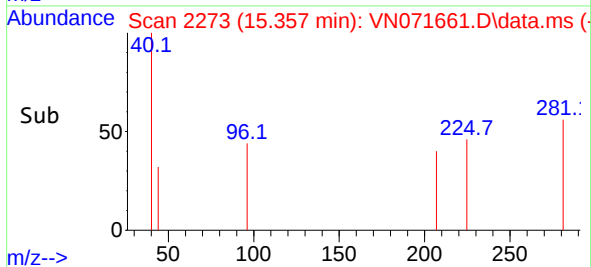
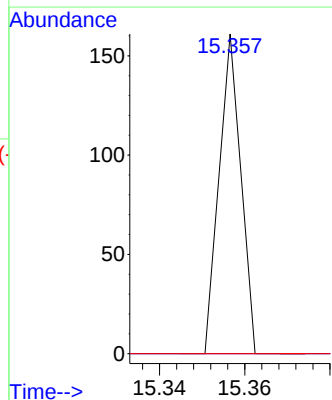
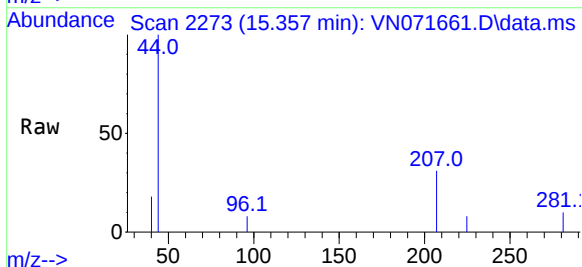
Tgt Ion:225 Resp: 57

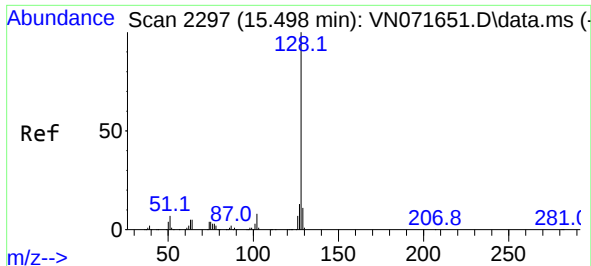
Ion Ratio Lower Upper

225 100

223 0.0 32.4 97.2#

227 0.0 31.8 95.4#

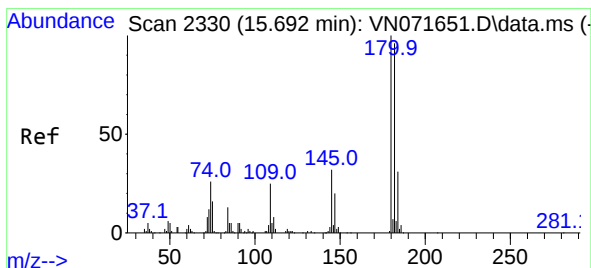
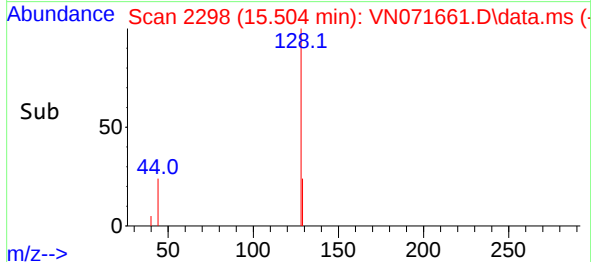
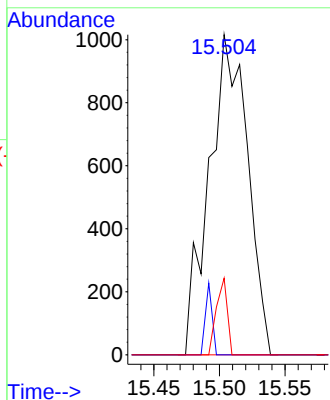
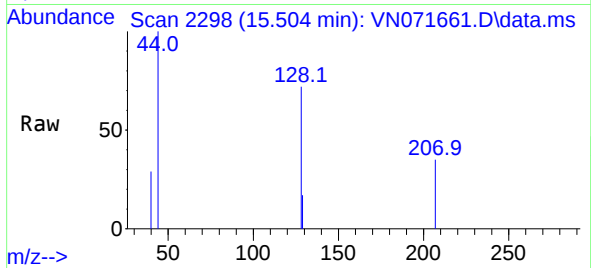




#95
Naphthalene
Concen: 3.915 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
FB-02-20220322

Tgt Ion:128 Resp: 2075
Ion Ratio Lower Upper
128 100
127 3.9 10.3 15.5#
129 6.7 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.553 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071661.D
Acq: 30 Mar 2022 16:08

Tgt Ion:180 Resp: 844
Ion Ratio Lower Upper
180 100
182 55.6 47.8 143.3
145 0.0 15.5 46.5#

